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Michell's

Growers Catalog Spring 1954

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ASTER, Powderpuffs (Wilt Resistant)

One of the top outdoor commercial Asters. Strictly upright with all flowers stemming from the main stalk. Growers can cut the Aster plant as one market bunch. Available in a mixture of pink, azure, rose, crimson, white, scarlet and blue; flowers are 3-3½ in. across, fully double. Extremely free flowering grown 24 in. high yet takes less than 12 in. of space. All the flowers are on top, as many as 20 long-stemmed cut flowers per plant. August blooming.

Trade pkt. 50c; ¼ oz. \$1.50; oz. \$5.00; ¼ lb. \$17.50.

HENRY F. MICHELL CO.
3rd & Spruce Streets Philadelphia 5, Pa.



New Patented Azaleas

SPRING DELIVERY
GROW ABOUT 40% FASTER THAN MOST AZALEAS!

BLOOM-RITE AZALEA HYBRIDS

(Reg. U. S. Pat. Off.)

*America's Leading New Strain of Azaleas — "Grows Faster —
Buds Heavier"*

PATENT TAGS SENT WITH EACH PLANT

Growers interested in propagating license please write us. Propagating without license is prohibited by U. S. Patent laws.

TRANSPLANTS

Well branched, ready for 4-in. pots. Twice pinched. Should make excellent 6x8 finished plants within 8 months. (Order in units of 50 of one variety only.) Please no orders for less than 100 plants.

\$27.50 per 100; \$260.00 per 1,000.

Red Wing

U. S. Patent No. 1159.

We believe this variety will replace Hexe because it grows about 40% faster, it has more attractive color and the flower is larger. Red Wing is considered the best of any patented or unpatented Azalea on the market.

Melody

FUCHSIA-PINK

U. S. Patent No. 1158.

Another Indica-type plant, Melody, has a more compact habit of growth and very dark green, thick, glossy foliage. The fuchsia-pink flowers are similar to the Kurume, being hose-in-hose—that is, with one flower inside another—but they have the size and flat opening habit of the Indicas.

Ecstasy

WHITE

U. S. Patent No. 1157.

This hybrid tends toward the Belgian Indicas in flower, foliage and plant habit, although it is more compact, much hardier and easier to grow than the true Indicas. The double, high-centered flowers, up to 4¾ inches across, are white, often striped or dashed with orchid, and have yellow-green markings in the throat. The foliage is light green and glossy.

Cardinal

SCARLET

U. S. Patent No. 1175.

Similar to Red Wing in color of flowers. Cardinal has smaller hose-in-hose blooms. Its growth habit is much more compact than the Kurumes.

New Ageratum

MICHELL'S Devon Blue

This new variety, introduced by us in 1953, has received favorable comment by growers throughout the country.

A dense, compact grower with strong stems. Grows to a height of from 6 to 8 inches. Does not need pinching and very resistant to heat.

Blooms early and very prolific. Flowers are a clear shade of blue and of unusual size. Makes an ideal pot plant.

For those who want a better Ageratum in '54 order Devon Blue.

**Rooted cuttings, \$30.00 per 1000.
Sold in units of 250.**

Michell's Novelty and Specialty Flower Seeds for the Florist

ALYSSUM, Royal Carpet

All-America Silver Medal Winner for 1953

A new gem for the garden. The spreading compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow and emphasize any background. Height 3 inches, spread 12 inches.

Tr. pkt. 50c; ¼ oz. \$1.75; oz. \$6.00.

ASTER

Powderpuffs (Wilt Resistant)

One of the top outdoor commercial Asters. Strictly upright with all flowers stemming from the main stalk. Growers can cut the Aster plant as one market bunch. Available in a mixture of pink, azure, rose, crimson, white, scarlet and blue; flowers are 3 to 3½ in. across, fully double. Extremely free flowering grown 24 in. high yet takes less than 12 in. of space. All the flowers are on top, as many as 20 long-stemmed cut flowers per plant. August blooming.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$5.00; ¼ lb. \$17.50.

ASTER

Heavenly Blue, Extra Early Type

Extreme earliness and good cutting stems make this a welcome addition to the Aster family. Flowers are 4 to 6 inches across and a pleasing shade of light lavender-blue. Plants are well branched and grow 18 inches tall.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

ASTER

Ball Type Wilt Resistant, New Ball Shell-Pink

Fully double flowers 3½ to 4 inches, of soft shell-pink on long stems. Quite wilt-resistant and rarely shows any center. Throws few laterals, so needs very little disbudding.

New Ball White

Exceptional doubleness and fine, stiff stems make this variety outstanding. Large flowered, pure white and quite wilt-resistant. Each of the above two.

Tr. pkt. \$1.00; ¼ oz. \$2.50; oz. \$7.50.

CELOSIA (Cockscomb)

Pampas Plume

This new type of Plume Cockscomb has big fleecy, feathery flowers in all the brilliant colors of autumn leaves; gold, copper, deep red, scarlet, henna and carmine. Grows 30 in. high, blooms in approximately 75 days from seed, heat loving and pest free. Wonderful cut flower.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.50.



ASTER, Semple's

COSMOS

Extra Early Sensation Mixed

This new strain of Sensation Cosmos will bloom fully 2 weeks earlier than the regular variety. The plant habit is more graceful and slightly more dwarf than the regular strains. Flowers 4 to 4½ inches across, made up of 7 to 8 overlapping petals forming a dish-like flower. Contains a full range of colors available in this popular flower.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.

DAHLIA

Michell's Alldouble Dwarf Unwin Hybrids. This new strain will produce 100 per cent alldouble flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot plants. A worth-while addition to this group.

Trade pkt. 75c; ¼ oz. \$2.50; oz. \$8.00.



DAHLIAS, Michell's Alldouble Dwarf Unwin Hybrids

DELPHINIUM

Super Giant Pacific Hybrids, Astolat Series

A fine mixture ranging from pale blush through pink, rose, and lilac, with dark bees. ½ tr. pkt. \$1.50; tr. pkt. \$2.25; ¼ oz. \$4.50.

Sapphire. A hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. This strain possesses immense florets in comparison with Belladonna and Bellamosum.

Tr. pkt. 50c; ¼ oz. \$1.50; ¼ oz. \$2.50.

LARKSPUR

Light Blue Supreme

Light Blue Supreme has the largest florets of any Larkspur known. Several rows of overlapping round petals make a full double floret. A clear Heavenly Blue without a trace of mauve. Will not fade even in strong sunlight. Florets are beautifully spaced on long flower spikes.

Tr. pkt. 50c; ½ oz. \$1.50; oz. \$2.50; ¼ lb. \$8.50; lb. \$30.00.

MARIGOLD

Early Sunset Giants Mixed

The largest flowered Marigold ever offered. This strain will start blooming 18 to 20 days earlier than the regular strains. Each plant will produce 8 to 12 enormous blooms, most of which are 5 inches across. Color range includes cream, buff, lemon, gold and orange.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.



PETUNIA, Popcorn

THREE NEW Dwarf French Double Marigolds

RUSTY RED

Large, rusty red, fully double flowers, 2 inches and more across, are borne freely well above the dwarf, bushy plants from early in the summer until frost. Larger and brighter than the old popular Robt. Beist which is no longer available. Grows 18 inches high.

Tr. pkt. 30c; 1/4 oz. 50c; oz. \$1.75.

TANGERINE

Distinct shade of bright tangerine-orange. Flowers are fully double, 2 inches across, and completely cover the bushy, mound-like plants which grow about 15 inches high. Blooms from early summer until frost. Ideal for cutting, and wonderful for beds and borders.

Tr. pkt. 30c; 1/4 oz. 50c; oz. \$1.75.

LEMON DROP

In the Dwarf French Miniature class, this early full double canary-yellow Marigold will in our opinion replace Yellow Pigmy. Grows 9 inches tall, free flowering and uniform, compact plants. Excellent for pots or bedding

Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00.

MARIGOLD

Dwarf French Single Brownie

The contrasting hues of vivid russet-red and glistening golden yellow create a color combination that has both luster and harmony. The crested centers are made up of hundreds of slender, glistening, golden yellow tube-like petals that seem to fairly burst from a rich mahogany-red disk of a single row of mildly serrated flat overlapping petals. The mahogany-red petals are edged with a thin line of gold further enhancing the warm color. Very free flowering blooms 2 inches in diameter, long flowering season. Excellent for beds and borders.

Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

PANSY, Felix

Uniformly true to type, with ruffled flowers of good size carried on fairly dwarf plants. Colors are rich and unusual—including purple, apricot and wine shades together with pastel bronzes and smoky tones difficult to describe. Each flower is marked with the dark "whiskers" characteristic of this strain and the overall effect is very striking.

Tr. pkt. \$1.25, 1/8 oz. \$3.00, 1/4 oz. \$5.50, oz. \$16.00.

FOUR NEW OUTSTANDING PETUNIAS

Super Dwarf Grandiflora—Plain-Edged

POPCORN

Has all the fine qualities of Snowstorm and in addition a really super-dwarf habit. The flowers are pure glistening white, same size as Snowstorm, and are carried on low-growing upright plants. Ideal for pots and home garden.

1/2 tr. pkt. 85c; tr. pkt. \$1.50;
1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.00.

FLAME

A true scarlet, giant single fringed, the first of its class in this color. Grows 18 inches high and the flowers are 3 inches across and very free flowering. Ideal for bedding.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75;
1/64 oz. \$3.50; 1/32 oz. \$6.00; 1/16 oz. \$11.00.

ROBIN

While this variety has been bred for use as a pot plant, it has equal value as a bedding or border plant. The medium size, ruffled flowers are borne on dwarf, compact plants. The color is a rich bright rose with white throat.

1/2 tr. pkt. 85c; tr. pkt. \$1.50; 1/64 oz. \$2.50; 1/32 oz. \$4.50.

PINK FRILLS

A nicely ruffled type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades. Free flowering and borne on compact well-rounded plants. Excellent for pots, borders and bedding.

Tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

PETUNIA, Comanche

All-America Selection Bronze Medal Winner for 1953.

The only All-America Petunia receiving an award for this season. This single F₁ Hybrid is the deepest red ever offered. The flowers are 2½ to 3 inches across, very free blooming, and a fast grower. The plants are dwarf and compact. A best for bedding. A brilliant border. Colorful in pots. Judged by experts to be superior to any other variety in its color class. The most brilliant Petunia ever bred.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.00;
1/128 oz. \$4.00; 1/64 oz. \$7.25; 1/32 oz. \$13.00.

PETUNIA, Linda

This is an F₁ Hybrid. Its color is a clear light salmon with high sheen. Extremely free-flowering with blooms 2½-3 inches across. Very uniform, dwarf, compact habit. Height 15-18 inches with a spread of 24-30 inches. This is an excellent variety and should prove very popular with the florists.

1/2 tr. pkt. \$1.25;
tr. pkt. \$2.00; 1/128 oz. \$4.00; 1/64 oz. \$7.25; 1/32 oz. \$13.00.



MARIGOLD, Lemon Drop

Flower Seed for the Florist

PHLOX DRUMMONDI

Michell's Radiant Mixed

Three years ago we introduced Dwarf Beauty and it proved to be outstanding but our plant breeders continued to work on a new strain and finally after years of single and plant selections we have what we consider the outstanding dwarf Phlox ever offered. The plants are more compact than any other strain and the flowers are larger with more distinct eyes and the color range is unbelievable, every conceivable color in this popular flower is in this mixture. This strain is so free flowering that the entire plant is covered with blooms so numerous that the foliage is completely hidden. Especially recommended for pots. Grows 6 to 8 inches high.

Tr. pkt. 75c; ¼ oz. \$1.50; oz. \$5.50.

STOCKS

Trysomic Giant Imperial

This is the first Trysomic Stock ever offered. Based on studies commenced by Dr. H. B. Frost at Cornell University in 1915 and furthered through the 20's, the genetic theory of Trysomic doubles in Stocks was developed and proved by 1930 to be capable of producing 85% doubleness from seed.

The Trysomic Stock offered produces 85% or more double flowering plants when sown from seed. In addition to this desirable trait, the percentage of any planting can be increased up to 100% at the four-leaf seeding stage as at this period of growth the young singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

Bright Rose.

Lilac-Lavender.

Fiery Red.

Salmon-Pink.

Pure White.

Azure-Blue.

Choice Mixed.

Each of the above, ½ tr. pkt. \$1.00; tr. pkt. \$1.75; ¼ oz. \$2.75; ¼ oz. \$5.00; oz. \$18.00.

STOCK, Giant Column Pacific Pink

A distinct new break in this Stock. This is the first pure true pink Stock developed. Extremely fine under artificial light. Vigorous spikes possess well-spaced flowers. This is a definite "must" for the florist trade.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; ¼ oz. \$3.30; ¼ oz. \$6.00; 1 oz. \$18.00.

TAGETES (Marigold)

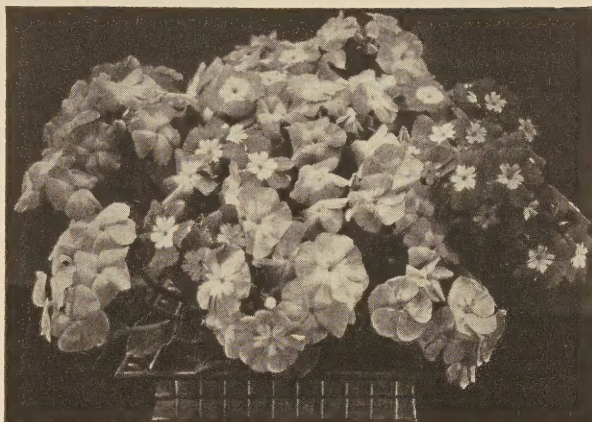
Signata Pumila Lulu

This is the first real yellow in the Tagetes type. A very compact dome-shaped plant growing about 7 inches tall and 12 inches across. The plant is completely covered with dainty single florets that are three-fourths of an inch across. A pleasing shade of bright canary-yellow, without a zone but with a small eye that is a trifle darker. Ideal for borders, edgings and rockeries.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.



VERBENA, Michell's Dwarf Upright



PHLOX, Michell's Dwarf Radiant

TWO FINE NEW DWARF COMPACT VERBENAS

CRYSTAL

A dwarf compact plant that retains this most desirable habit throughout the entire blooming season. The open spots that are common to the regular varieties during the latter part of the flowering season have been fully overcome in this new strain. The large pure white florets are produced in abundance in large bouquet type clusters.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$5.00.

SPARKLE

Identical to the above variety except in color, which is a bright scarlet-red with large white eye. Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

VERBENA, Dwarf Upright, Michell's EXHIBITION

We offer a new strain which is the result of many years' work of careful selection. The plants are of dwarf upright habit and well branched, producing many large flower heads. Individual florets have clear distinct eyes and come in a range of fine bright florist colors. This is a very fine strain for pot plants.

Trade pkt. 75c, ¼ oz. \$1.50; oz. \$5.00.

VIOLA

Large Flowering Type Georgia Peach

An exceptionally large flowered variety, bright shades of delicately peach-colored flowers on well-formed compact plants.

Tr. pkt. \$1.00; 1/16 oz. \$1.50; ¼ oz. \$2.50; ½ oz. \$4.00

ZINNIA, BLAZE

All-America Bronze Medal Winner 1954

Newest, most vivid of the Giant Hybrid Zinnias. Outstanding for the uniform doubleness of its fluffy gracefully quilled petals which reach 5¼ in. across.

BLAZE bursts into bloom with a profusion of brilliant mandarin-red flowers which soften to scarlet-orange as the flowers attain size. This fiery beauty is borne on free blooming, uniform plants 28 to 32 in. tall. Blaze will delight your customers as a cut flower as well as for sensational mass displays.

Tr. pkt. 50c; ¼ oz. \$1.25; ½ oz. \$2.25; oz. \$6.50.

Michell's Distinctive Flower Seeds For the Florist

Distinctive strains of Flower Seeds for the florist are one of our specialties. No trouble or expense is spared in our endeavor to supply the best and most improved strains from both home and foreign growers. Our list contains the All-America winners and also the most popular florists' varieties.

On all Flower Seed quoted in this catalog there is no extra charge for parcel post except for registry or insurance.

ACROCLINIUM - Everlasting

Trade pkt. Oz.

Sensation Giants. Improved strain of Acroclinium. Produces much larger blooms than any existing strain and grows 6 to 8 inches taller. Mixed colors \$0.40 \$1.50

AGATHEA Coelestis

(Blue Daisy)

Tr. pkt. ¼ oz.

Very free flowering, fine for cutting. Start seed early. 30 in. \$0.40 \$0.75

AGERATUM - Floss Flower

Excellent bedding plants. Sow seed early for good-sized plants for spring sales.

Trade pkt. Oz.

Michell's Blue Boy. Extra dwarf. Plants compact and very dwarf, about 4 inches high. Rich shade of blue. ¼ oz. \$1.50 \$0.50 \$5.00

Midget Blue. Silver Medal, All-America Selections. A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers ¼ oz. \$1.75 .50 6.00

★**Blue Ball.** Very large, blue flowers. Dwarf. ¼ oz. \$1.00 .40 3.60

Blue Perfection. Best dark blue. Fine for cutting. 1 ft. ¼ oz. 50c. .25 1.60

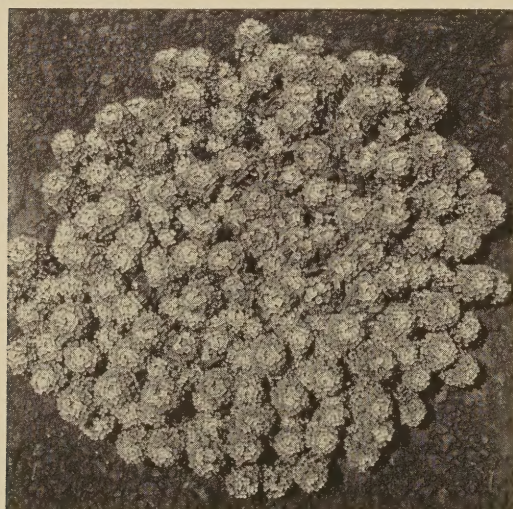
AMARANTHUS

Trade pkt. Oz.

Molten Fire. Summer Poinsettia. Very ornamental and easily grown from seed. Leaves dark bronze, center Poinsettia-red ¼ oz. 60c. \$0.30 \$2.00

Tricolor splendens. Joseph's Coat. Various colors.25 1.10

Mixed25 1.10



ALYSSUM, Royal Carpet

ALYSSUM - Royal Carpet

All-America Silver Medal Winner

A new gem for the garden. The spreading compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow and emphasize any background. Height 3 in.; spread 12 in.

Tr. pkt. 50c; ¼ oz. \$1.75; oz. \$6.00.

Trade pkt. Oz. ¼ lb.

★**Michell's Bouquet (Carpet of Snow; A. procumbens; Snowcloth).** Our specially selected strain is the finest dwarf type obtainable. Plants form perfect bouquets of miniature white flowers. Fine for growing in pots and a real gem for edging \$0.25 \$1.00 \$3.50

Lilac Queen. Dwarf and compact. Flowers lilac.25 .90 2.75

Little Gem. Very dwarf and compact25 1.00 3.50

Sweet (A. maritimum). The well-known, fragrant, white, trailing variety25 .75 2.50

Tetraploid Snowdrift

Here once again the miracle drug colchicine has produced a new flower. One foot tall, it's rugged, it's vigorous, bearing masses of huge snowy white blooms on uniform plants. Stems closely approach Hyacinth Candytuft and are fine for cutting.

Sure to be successful, it's a bigger and better version of the old sweet-scented garden favorite.

Trade pkt. 30c; ¼ oz. 75c; oz. \$2.25.

Trade pkt. Oz.

Violet Queen. New dwarf compact form. Flowers are a pretty, bright violet tint. A variety that will come very true from seed ¼ oz. 50c. \$0.25 \$1.50

ANCHUSA

Trade pkt. Oz.

Blue Bird. Bright indigo-blue blooms. Dwarf \$0.25 \$1.00

ARCTOTIS - Lilac African Daisy

Trade pkt. Oz.

Grandis. Large, Daisy-like flowers, pure white on the upper surface, reverse side of petals lilac. Good florist's cut flower. 3 ft. \$0.30 \$1.10

ASPARAGUS Plumosus nanus

American-Grown Seed

100 seeds	..... \$0.40	1000 seeds	..... \$ 3.00
250 seeds	..... .85	5000 seeds	..... 12.50

ASPARAGUS Sprengeri

American-Grown Seed

100 seeds	..... \$0.40	1000 seeds	..... \$3.00
250 seeds	..... .85	5000 seeds	..... 12.50

Outdoor Snapdragons

GIANT RUFFLED TETRA—26 inches

Largest flowered of all Snapdragons. Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower spikes.

Orchid. Rich orchid-purple with yellow blotch. Large florets and a strong grower.

Pink Shades. Light to deep rose-pink. Free branching with one large spike per plant, up to 30 inches tall and having a 16-inch span of ruffled florets.

Sunset Hybrids. A most attractive color range of primrose through terracotta to deep amber-pink.



ANTIRRHINUM TETRA

—both bicolors and solids. Base branching habit with 8 to 10 stems per plant averaging 22 inches tall. Large florets are closely spaced and cover 9 inches on a spike.

White. Creamy white changing to pure white with primrose throat which adds to the attractiveness of the flower. Large well-formed flowers.

Yellow. A new tall, base-branching clear yellow with long spikes and very large flowers.

Each of the above: Tr. pkt. 50c; 1/16 oz. \$1.00; ¼ oz. \$1.75.

Choice Mixture. Trade pkt. 50c; ⅓ oz. \$1.10; ¼ oz. \$2.00.

DWARF VARIETIES

Magic Carpet. A distinct and very dwarf type. Compact and free flowering. Suitable for rockery or borders. We offer a fine mixture of many colors. 4 to 6 inches.

Tr. pkt. 50c; ⅓ oz. \$1.00; ¼ oz. \$1.50.

Tom Thumb. A very popular dwarf upright type. Base branching and very free flowering. Excellent for pots or borders. Choice mixture. 6 to 8 inches.

Tr. pkt. 40c; ¼ oz. 85c; oz. \$3.00.

RUST RESISTANT VARIETIES

MAXIMUM or SUPER GIANTS—3 ft.

This excellent type of Snapdragon is one of the finest large flowering varieties. Plants are medium tall with strong flower spikes, large florets, evenly spiked. Excellent for cutting.

Camfire. A pure luminous scarlet, free from orange or bluish tinges.

Canary Bird. Brilliant canary-yellow.

Copper King. Bronze or copper-scarlet. Fine variety.

Crimson. Color pure crimson, overlaying a ground of orange.

Daffodil. Two-toned daffodil-yellow.

Indian Summer. Coppery orange and scarlet.

Loveliness. Most attractive pure rose-pink.

Micell's Cherry Queen. Brilliant cerise-rose. This is an excellent cutting variety.

Reveille. The color is a deep luminous yellow.

Rosalie. Deep rich rose, tube and lip the same color.

Shasta (Alaska). Pure white. Very early.

Velvet Giant. The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base-branching, with 6 to 12 spikes to a plant.

Yellow Giant. A striking deep yellow of a very bright shade.

University of California Mixture.

All above varieties, tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

SUPER MAJESTIC—20 inches

A medium tall class of base branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.

Crimson Shades. Garnet and ruby shades.

Orange Shades. Orange and gold shades.

Rose Sensation. The richest and finest rose-pink.

Superb Super Majestic Mixture.

All above varieties, tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

NANUM GRANDIFLORUM MIXED—15 inches

The plant habit is very dwarf, compact and free flowering, exceptionally fine for pots or bedding.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

FORCING SNAPS—Cultural Instructions SINGLE STEMMED SNAPS

This method has been recommended for the past 5 years and is increasing greatly due to the time saved in producing a crop. It produces more uniformity, longer spikes and better quality. This method takes a few more seeds and plants but the results are a much higher quality crop and of course usually better market returns. From sowing to direct benchings as follows:

Sowing Dates	Weeks to Plant
Sept. 1 to Nov. 1	3 to 3½ weeks
Nov. 1 to Mar. 1	4 to 4½ weeks
Mar. 1 to June 1	3 to 3½ weeks
June 1 to Sept. 1	2 to 2½ weeks

Recommended Spacing	Spacing for
Flowering Date Range	Single Stem
Sept. 15 to Dec. 15	4 x 5
Dec. 15 to Mar. 15	5 x 5
Mar. 15 to May 15	4 x 5
May 15 to Sept. 15	4 x 4

Temperature Recommendations

Temperature of course is the basis of crop control. Accuracy in crop timing is of course directly connected with accuracy of temperature control. The flowering period from Nov. 15 through Mar. 1 gives the most accurate results.

Sunny days—55 to 60 degrees

Nights—52 degrees

Cloudy days—48 to 50 degrees

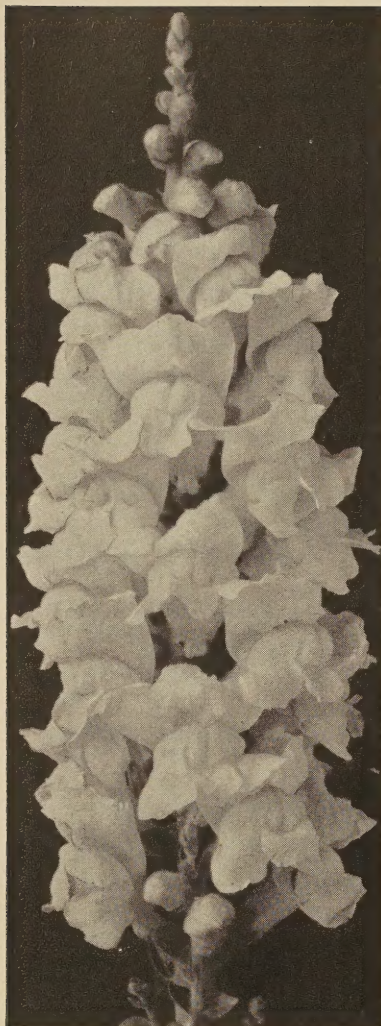
Nights—48 to 50 degrees

Glass should be shaded from May to Sept. to reduce temperature.

PINCHED CROP

Good many growers still prefer to grow "Snaps" as a pinched crop and for growing under this method we recommend using the early varieties and particularly the hybrids for maximum production during the winter months with short days and limited light. The medium varieties are good for winter but do better when planted after Mums and the late varieties are recommended for after the Mums and for spring flowering. See pages 6 and 7 for varieties and flowering period.

Although sowing dates will vary with localities, for Christmas and January crop, sowings are usually made between June 15 and July 15. Transplant to bands or flats and bench in August allowing 8x8 inch spacing. Pinch usually September 5 to 10 on earlier sowings and 15 to 20 on later sowings.



Forcing Snapdragons

Including Most of the New

BRONZE SHADES

Afterglow. Golden bronze. (M). Tr. pkt. \$1.50.

Barbara. (Yoder.) Hybrid. The large bronze florets, with pink throat and bright bronze lips, are borne on long spikes. Vigorous grower. The earliest of the bronze group. (E).
½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Cavalcade. (Yoder Bros.) Hybrid. A lively golden bronze; extremely vigorous; long spikes; outstanding keeper. (E). Tr. pkt. \$3.00.

Gallant Fox. (Yoder Bros.) Hybrid. Deep orange-bronze, similar in color to Lady Dorothy; much stronger and more vigorous; compact floret placement; a little earlier than Barbara. (E). Tr. pkt. \$3.00.

Lady Dorothy. Bronze shaded copper-red. (M). Tr. pkt. \$3.00.

New Dawn. Golden orange. (M). Tr. pkt. \$1.50.

Schlegel's Early Bronze. Bright copper hood with lower part shading from deep gold to apricot. Well-spaced florets on stiff stem, averaging 3 ft. in height. An early July sowing will come into bloom for Christmas. (E).
Tr. pkt. \$2.00.

Sun Briar. (Yoder Bros.) Hybrid. Lively orange-bronze. Medium in height with a hard stem. Compared to the over-all stem length, it has a very long flower spike. (E).
Tr. pkt. \$3.00.

Sunglow. (Hybrid.) (New Pan-American.) Light, yellowish bronze, a new lovely color. (E).
Tr. pkt. \$3.00.

Talisman. (Windmill.) Double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination. (E). Tr. pkt. \$2.00.

WHITE SHADES

Apollo. (Yoder Bros.) Hybrid. Ivory-white flowers larger and more vigorous than Margaret, otherwise very similar to that variety. (E).
Tr. pkt. \$3.00.

Citation. (Yoder Bros.) Hybrid. Very large ruffled florets of ivory-white compactly spaced on long spikes. Uniform, vigorous grower, early. Comes in before Margaret, Apollo or Twenty Grand. (E). Tr. pkt. \$3.00.

Jet Pilot. (Yoder Bros.) Hybrid. A medium early paper-white; long spikes similar to White Wonder in form; much greater vigor. (E).
Tr. pkt. \$3.00.

Lucky Strike Improved. Popular pure white, grows 3 to 4 feet with full spike of flowers. Blooms earlier than the original; does not drop or shatter. (M). Tr. pkt. \$1.50.

Margaret. (Yoder.) The most popular White on the market. A winter-blooming ivory-white, whiter than Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no side growth. The florets are of medium size; last a long time and do not shed. (E). Tr. pkt. \$2.00.

Maryland White. (Winkler.) Hybrid. Large paper-white florets on strong stem. Early, free flowering. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Peace. Pure white. (L). Tr. pkt. \$1.50.

Rockwood's Hybrid White No. 5. (E). A fine white for fall and early winter blooming, flowers are large and well formed.

Tr. pkt., \$3.50.

Rockwood's Early White. (E). Tr. pkt. \$2.00.

Rockwood's Crystal White. (L). Tr. pkt. \$3.00.

Schumann's White. A close flowering pure white on a strong sturdy stem. Longer stem, larger head and larger individual florets than White Peggy, over which it is an improvement. No excess foliage and will not shatter. Will produce a good crop from early sowing. An excellent companion to Peggy Schumann Pink. (L).
½ tr. pkt. \$1.50; tr. pkt. \$3.00.

Spartan White. (Mich. State College.) (E). Clean growing, pure white. A good producer. Tr. pkt. \$3.00.

Twenty Grand. (Yoder Bros.) Hybrid. A medium early winter flowering variety; an ivory-white flower similar to that of Junglewood White; a fine keeper. (E). Tr. pkt. \$3.00.

YELLOW SHADES

Ceylon Court. Canary-yellow. (M). Tr. pkt. \$1.50.

Day Star. (Yoder Bros.) Hybrid. Very early; good uniformity; long spike of light yellow florets. (E). Tr. pkt. \$3.00.

Ethel. A large, bright yellow flower, winter bloomer, well-formed head, good stems. (M). Tr. pkt. \$1.50.

Frances Schlegel. Daffodil-yellow. (M). Tr. pkt. \$2.00.

Gold Mine. (Pan American.) Hybrid. Deep gold-yellow, slightly fringed early, with strong fine stems and spikes with excellent placement of large florets. (M). ½ tr. pkt. \$1.75; tr. pkt. \$3.00.

Goldrush. (Winkler.) Hybrid. A hybrid for greenhouse forcing to fill the need for a vigorous, free-flowering yellow Snapdragon. The large florets are deep Jonquil-yellow slightly ruffled, producing a long, well-filled spike. Sown early it will yield up to three full crops, very uniform. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Patricia. (Yoder.) Hybrid. The medium sized florets of rich yellow with full deep yellow lower lip are borne on long spikes. Vigorous grower; fast taking the lead as the best yellow for winter blooming and cloth house culture. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Rockwood's Hybrid Yellow No. 10. (E). A fairly deep yellow with well-formed flowers and good stems. Not quite as tall as most yellows. Tr. pkt. \$3.50.

Rockwood's Winter Yellow. Deep yellow. (E). Tr. pkt. \$2.00.

Seabiscuit. (Yoder Bros.) Hybrid. Uniform vigorous grower, long spike, excellent floret formation. Clear yellow, coming in after War Admiral, Patricia and Day Star. Outstanding for winter or spring. (E). Tr. pkt. \$3.00.

War Admiral. (Yoder Bros.) Hybrid. Outstanding in vigor, uniformity and spike formation; should become the number one winter flowering yellow hybrid. (E). Tr. pkt. \$3.00.

Yellow Hybrid No. 1, "Golden Spike." A rich gold-yellow with long stems and flower spikes; very productive. Can be flowered in January from a mid-July sowing. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Yellow Peggy Schumann. (E). Tr. pkt. \$2.00.

for the Greenhouse

and All of the Better Varieties

PINK and ROSE SHADES

Better Times. (Windmill.) Hybrids. A real American-Beauty-rose-red. It is first class like Christmas Cheer but a deeper color, Excellent for Christmas and Valentine's Day. (E). Tr. pkt. \$2.00.

Chevoit Maid. (Yoder's No. 33.) Medium rose-pink. (E). Tr. pkt. \$1.50.

Chevoit Maid Supreme. Rich coral-rose. (E). Tr. pkt. \$1.50.

Chevy Chase Pink. (Winkler.) Hybrid. A bright pastel pink, a shade darker than the popular Maryland Pink. Large florets and close full spike. Early and free flowering. "Shatter-resistant" will not drop its florets after cutting, unless they have been pollinated in some way. (E). $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

Christina. (Yoder.) Hybrid. The best light rose-pink Hybrid, slightly deeper in color than Mary Ellen with larger florets. A vigorous medium early variety with almost no side growth. (E). $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

Christmas Cheer. (Windmill.) Hybrid. The earliest rose-pink. Fine spike, excellent for Christmas and comes back for second and third crops. (E). $\frac{1}{2}$ tr. pkt. \$1.75; tr. pkt. \$3.00.

Crusader. (Yoder Bros.) Color and season that of Dorcas Jane. Brilliant rose-pink. Tr. pkt. \$3.00.

Dorcas Jane. (Dorcas.) Hybrid. Light pink slightly larger flowers than Mary Ellen and shade deeper and a little earlier with a clean habit of growth and outstanding vigor. (E). $\frac{1}{2}$ tr. pkt. (1000 seeds) \$1.50, tr. pkt. \$2.50.

Gilbert's Pink Queen Supreme. This is several shades deeper than Chevoit Maid Supreme and its particularly noted for the fact it produces perfect flower heads. (M). Tr. pkt. \$2.00.

Gilbert's Pamela Pink. (Gilbert.) A good medium pink with flower spikes ranging from 8 to 16 inches long having very good stems and clean foliage. An early winter flowering variety. (M). $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.

Gusto. (Yoder Bros.) Color somewhat deeper than Mary Ellen. Bright rose-pink. Earlier, and more uniform in flowering. Florets held close to spike. Ruffled hood. Tr. pkt. \$3.00.

Libby. (Yoder.) Hybrid. A dark rose-pink hybrid with very strong stem and vigorous growth. Good sized flowers set medium to close on long spikes. The latest of the Yoder Hybrids to flower, coming in after Mary Ellen. (M). $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

Maiden's Blush. Apple-blossom-pink. (M). Tr. pkt. \$1.50.

Mary Ellen. (Yoder.) Hybrid. A light rose-pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets. (M). Tr. pkt. \$2.50.

Maryland Pink Improved. (Winkler.) Hybrid. The improved strain of this popular pastel pink hybrid is early and free flowering with a stronger stem and larger spike. (E). $\frac{1}{2}$ tr. pkt. \$2.00; tr. pkt. \$3.50.

Mountain Pink. (Hybrid.) (Pan-American.) Medium pink color. (E). Tr. pkt. \$3.00.

New Times. (Pan-American.) (E). The best early, bright deep rose thus far. Medium long spikes with clean firm stems. A good producer. Tr. pkt. \$3.00.

Peggy Schumann Pink. A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. (E). Tr. pkt. \$2.00.

Pensive. (Yoder Bros.) Hybrid. Flowers of dark pink coming in just after Christmas Cheer. Stronger, cleaner growth than that variety. (E). Tr. pkt. \$3.00.

Pompey. (Yoder Bros.) Hybrid. Rose-pink. A little deeper than Dorcas Jane, earlier, more vigor and uniformity of growth and closer floret spacing. (E). Tr. pkt. \$3.00.

Rockwood's Early Hybrid Pink. Pastel-pink. (E). Tr. pkt. \$3.00.

Rockwood's Pink Supreme. Dark pink. (E). Tr. pkt. \$2.00.

Rose Queen. Dark pink. (M). Tr. pkt. \$1.50.

Spartan Rose. (Mich. State College.) M. Medium deep rose with long, heavy spikes. Tr. pkt. \$3.00.

Star Charter. (Yoder Bros.) Hybrid. A wide rose-pink floret similar to that of Christina; vigorous uniform growth; close spacing of florets. A beautiful flower and an excellent keeper. (E). Tr. pkt. \$3.00.

Top Flight. (Yoder Bros.) Light pink, similar to Christina but earlier. Tr. pkt. \$3.00.

Trilbee Pink. (Windmill.) Hybrid. Vigorous grower, long spike closely set with artistic giant florets in a rich pastel pink shade. Recommended by the introducer for single stem production. Late August sowing for mid-January market. (M). Tr. pkt. \$3.50.

Whirlaway. (Yoder Bros.) Hybrid. Medium early; large floret; close spacing; long spike; a little deeper color than Mary Ellen. (E). Tr. pkt. \$3.00.

CRIMSON and RED SHADES

Ball Red. Hybrid No. 7. (M). Tr. pkt. \$3.50.

Crimson Queen. Velvety crimson. (E). Tr. pkt. \$2.00.

Priscilla Ann. (Yoder.) Hybrid. Long graceful spikes with large velvety crimson florets. At times a faint touch of yellow is noted on the lip. The earliest crimson. (E). $\frac{1}{2}$ tr. pkt. \$2.00; tr. pkt. \$3.50.

Red Wing. Hybrid. (Pan-American.) Deep velvety red. (E). Tr. pkt. \$3.00.

Rockwood's Hybrid Red No. 15. (E). A dark red or crimson with well formed flowers and good stems. Early, can be grown for Christmas market. Tr. pkt. \$3.50.

Shisler's Red. A new Snapdragon. It is an excellent glowing wine-red, 100% true to color, a good cropper and a true winter-flowering variety. (E). Tr. pkt. \$2.00.

LAVENDER and LILAC SHADES

Bertha Baur. Lavender or orchid. (M). Tr. pkt. \$1.50.

Bold Venture. (Yoder Bros.) Hybrid. Early and uniform with a hard stem. The medium sized floret best described as a rich lavender. (E). Tr. pkt. \$3.00.

Lavender Rose. (Rockwood.) Early lavender and rose. (E). Tr. pkt. \$2.00.

Rockwood's Winter Lavender. (L). Tr. pkt. \$2.00.

Schumann's Lavender. Excellent, large flowered rosy lavender for spring blooming. Full heavy spikes. (L). Tr. pkt. \$2.00.

Windmill's Lilac. Excellent orchid, true to type and color, hard wiry stems, small foliage, productive. (L). Tr. pkt. \$2.00.
E—Early; M—Medium; L—Late.

MICHELL'S

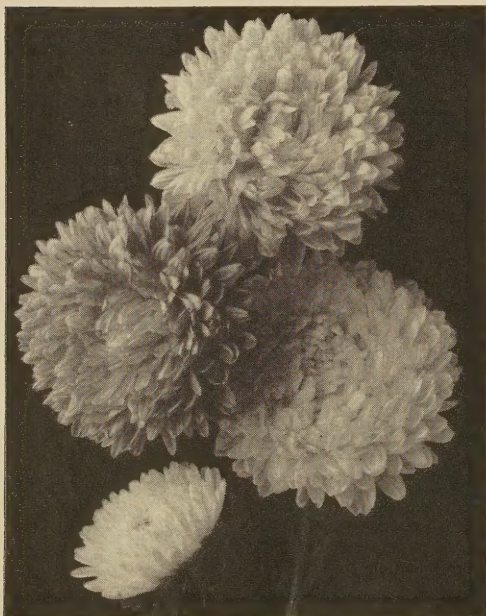
In growing Asters, old soil and flats should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer. We recommend the use of finely ground bonemeal. Asters should not be grown in the same location two years in succession.



PRINCESS BONNIE



ROYAL WHITE



AMERICAN BRANCHING

ASTER, Powderpuffs (Wilt Resistant)

One of the top outdoor commercial Asters. Strictly upright with all flowers stemming from the main stalk. Growers can cut the Aster plant as one market bunch. Available in a mixture of pink, azure, rose, crimson, white, scarlet and blue, flowers are 3 to 3½ in. across, fully double. Extremely free flowering grown 24 in. high yet takes less than 12 in. of space. All the flowers are on top.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$5.00; ¼ lb. \$17.50.

HEAVENLY BLUE, Extra Early Type

Extreme earliness and good cutting stems make this a welcome addition to the Aster family. Flowers are 4 to 6 inches across and a pleasing shade of light lavender-blue. Plants are well branched and grow 18 inches tall.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

PRINCESS CRESTED

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers 2 feet.

Linda. Pure clear rose.

Anne. Peach-blossom-pink.

Barbara. Orchid.

Bonnie. Soft salmon-rose.

Elizabeth. New. Pure white.

Golden Sheaf. Deepest yellow Aster yet introduced. Fully double.

Margaret. New. Florist rose.

Susan. New. True deep blue.

Mixed. Finest mixed.

Prices on above, trade pkt. 50c; ¼ oz. 80c; oz. \$2.80.

EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 ft. tall, with branches coming low on the central spike, and practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue.

Rose Marie. Rich lively shade of rose.

Peach Blossom. Opens white, flushes lavender-pink.

Mixed. above three varieties.

Prices on above, trade pkt. 40c; ¼ oz. 90c; oz. \$3.00.

AMERICAN BEAUTY

Similar in type of flower and growth to the Late Branching Aster. Plants grow about 2 to 3 feet high and commence to bloom in September, continuing until frost. Large, double flowers on long, heavy stems.

Azure Fairy.

Carmine-Rose.

Crimson.

Purple.

Shell-Pink.

White.

Mixed.

Each of the above, tr. pkt. 40c; ¼ oz. 65c; oz. \$2.00.

BALL ASTERS

Standard midseason class flowering late August, early September. Long stemmed. Fine for cutting.

NEW BALL SHELL-PINK

Fully double flowers 3½ to 4 inches, of soft shell-pink on long stems. Quite wilt-resistant and rarely shows any center. Throws few laterals, so needs very little disbudding.

NEW BALL WHITE

Exceptional doubleness and fine, stiff stems make this variety outstanding. Large flowered, pure white and quite wilt-resistant.

Each of the above two: Tr. pkt. \$1.00; ¼ oz. \$2.50; oz. \$7.50.

Ball Deep Purple.

Ball Phlox Pink. Light pink; early.

Ball Deep Rose.

Ball White. Early.

Ball White. Late.

Ball Mixed.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

IMPROVED KING

A distinct type; plants of strong, sturdy habit, fully 18 inches high; flowers of large size and with long, narrow petals, which are more or less quilled. Blooms from August to October. Excellent for cutting.

Lavender.

Peach Blossom.

Rose-Pink.

Salmon.

Violet.

White.

Choice Mixed.

Each of the above, tr. pkt. 40c; ¼ oz. 65c; oz. \$2.00.

EARLY ROYAL BRANCHING

This type fills the gap between the Queen of the Market and the late flowering Branching Asters, blooming mid-August. Height 2-2½ ft.

Azure-Blue.

Lavender.

Peach Blossom.

Purple.

Rose-Pink.

White.

Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

ASTERS

SEMPLE'S or AMERICAN BRANCHING

The finest late-blooming Aster. Large double flowers on long, strong stems. The attractive form of flowers makes it one of the most valuable varieties for cutting.

Azure-Blue.
Crimson.
Deep Rose.

Lavender.
Peerless Pink.
Purple.

Shell-Pink.
White.
Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

IMPROVED CREGO

Flowers gigantic, often 5 inches across, and with long, stout stems averaging 15 inches in length. The twisted and curled petals give huge Chrysanthemum effect.

Crimson.

Blue Flame. Bright navy blue.

Deep Rose.

Lavender.

Shell-Pink.

Violet or Purple.

White.

Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

IMPROVED QUEEN OF THE MARKET

This well-known, early-flowering variety is of branching habit, bearing large flowers on long stems. It commences to bloom in July.

Ballet Queen (Salmon-Rose).

Crimson.

Dark Blue (Purple).

Light Blue (Lavender).

Rose-Pink.

White.

Peach Blossom (Blush-Pink).

Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

Ballet Type Mixed

A new early Queen of the Market class of Asters. Plants are extremely early and bear flowers larger than ordinary Queens, with a distinctive crested center. It is this full center which makes the Ballet type very double. This strain is extremely wilt resistant and is available in a full mixture of colors. The earliest of all Asters and fine for early market cutting. Choice mixture.

Trade pkt. 50c; ¼ oz. 75c; oz. \$2.50.

Single California Market Rainbow

This tall single wilt-resistant Aster is an excellent florist cut-flower variety. Rainbow Mixture is a choice blend of florist colors.

Tr. pkt. 40c; oz. \$1.60.

Little Giants Mixture

A distinctive type of early Aster. Plants grow 12 inches tall and form a perfect mound of flowers. Its blooms are of the feathery Crego type, 4 to 5 inches in size, and a plant will have 40 to 50 flowers showing at the same time.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

Super California Giant, Santa Maria

Immense flowers, fully double, pure white in color. Excellent for cutting.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

Heart of France, Ruby Red

Trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

Victory Giants, Mixed

A splendid extra-early Giants of California type Aster. Strong, sturdy plants, branching habit, growing 3 feet tall. The flower averages 5 inches across. Fine range of light-colored shades, including salmon-pink.

Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.00.

Non Wilt-Resistant Strains

SUPER GIANTS

A marvelous California Giant late type. Flowers are very large and artistic, with an unusual curling and interlacing of the petals. No disbudding is necessary, due to the non-lateral habit.

Trade pkt. ¼ oz. Oz.

Giant El Monte. Brilliant crimson	\$0.50	\$0.85	\$3.00
Giant Los Angeles. Pure shell-pink .....	.50	.85	3.00

IMPROVED CALIFORNIA GIANT

A fine variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut flowers.

Dark Purple.

Deep Rose.

Peach Blossom.

White.

Mixed.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00.

SINGLE GIANT CALIFORNIA SUNSHINE

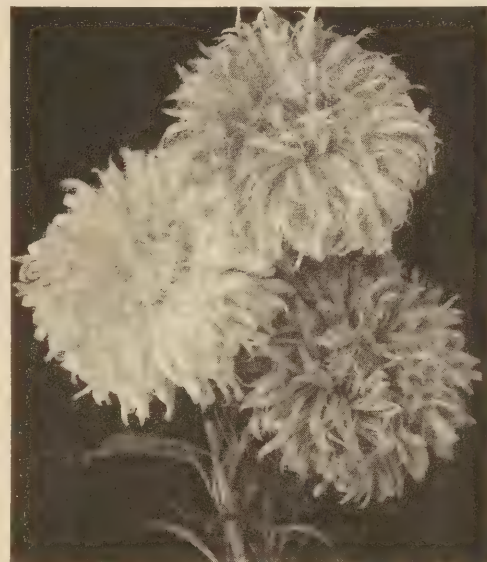
The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

Trade pkt. ¼ oz. Oz.

Choice Mixed	\$0.40	\$0.65	\$2.00
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QUEEN OF THE MARKET
New Ballet Mixed



IMPROVED GIANTS OF CALIFORNIA



SINGLE GIANT CALIFORNIA SUNSHINE

Begonias Fibrous-Rooted

Ideal for Pots, Combinations and Bedding

Dwarf Class 6 to 8 inches

	Trade pkt.	1/64 oz.	1/32 oz.
Adeline. Attractive bright pink flowers and green foliage; very dwarf habit	\$1.25	\$3.00	\$5.00
Ball Red. A Begonia of fairly dwarf, perfectly rounded habit covered with medium large flowers of the brightest scarlet-red.	1.50	3.25	6.00
Darling. The plants are of ball shape and dwarf habit, growing approximately 8 inches high. Flowers are large and of a very brilliant carmine-rose. 1/2 trade pkt. 75c.	1.25	2.50	
Dwarf Luminosa. Extra dwarf. Scarlet flowers. Bronze foliage	1.25	3.00	5.50
Glow. Dark red flowers. Foliage light bronze. Very free blooming and of extremely compact growth	1.00	1.75	3.25
King of the Reds. Very dwarf. Glowing scarlet.	1.00	2.50	4.50

Pink Pearl. Original packets. One of the best for pot culture. Dwarf, compact, 6 to 8 inches high. Bright pink flowers Tr. pkt. \$1.50

Red Pearl. Original packets. Same as above in habit. Color brilliant dark scarlet Tr. pkt. \$1.50

Snowbank. The best large flowering pure glistening white; light green foliage, dense growing even dwarf plants	1.25	2.75	
Dwarf Varieties Mixed	1.00	2.50	4.50

Medium Class 9 to 11 inches

	Trade pkt.	1/64 oz.	1/32 oz.
Carmen. Bright pink flowers	\$1.25	\$2.75	\$5.00
Fire Sea (Blaze of Fire). Brilliant fiery red flowers; green foliage	1.25	2.50	4.50
Indian Maid. A fine variety with bright, deep scarlet flowers and dark bronze foliage	1.25	2.75	5.00
Luminosa. Fiery dark scarlet	1.25	3.00	5.50
Prima Donna. Rose, shading to carmine	1.25	2.25	3.50
Salmon Queen. Salmon-red	1.25	3.00	5.50
Scandinavia. An outstanding large-flowering pink suitable for pots. Excellent for winter flowering.	1.25	3.00	5.50
Scandinavia, Red. An outstanding large-flowering red suitable for pots. Excellent for winter flowering	1.25	3.00	
White Pearl. Rich, fine white flowers	1.00	2.50	
Medium Mixture	1.00	2.50	4.50

Tall Class 12 inches

Christmas Cheer. Bright crimson-scarlet. Fine for forcing	1.00	2.25	3.75
Ile de France. The finest white. The foliage is light green and the flowers are 1 1/4 to 1 1/2 inches across; compact form	1.00	2.75	5.00
Masterpiece. Flowers are a clear rose-pink and completely cover the foliage	1.00	2.50	4.50



CROSSANDRA

BEGONIAS, Tuberous-Rooted

These are easily raised from seed. They produce enormous flowers and are excellent for bedding, window boxes, or pot culture.

	1/2 trade pkt.	Trade pkt.
Single Choice Mixed	\$1.50	\$2.50
Double Choice Mixed	1.50	2.50

BALSAM - Lady-Slipper

	Trade pkt.	Oz.
Camellia-Flowered, Choice Mixed	\$0.25	\$1.10
Double Bush-Flowered, Choice Mixed 1/4 oz. 70c	.40	2.25

BELLS OF IRELAND

(Molucella Laevis)

The only true green flower. This easily grown annual is base branching, producing stems about 2 ft. long surrounded by 2-in. bell-shaped flowers containing a white corolla.

Easily grown on greenhouse benches, in pots or outdoors in the summer. Last well when cut, also can be dried.

Tr. pkt. 60c; 1/4 oz. \$2.20; oz. \$6.60.

BROWALLIA

Elata. Blue. 1 1/2 ft. ....	.25	1.25
Speciosa (major). Most desirable variety as a pot- or basket plant. Rich blue flowers	1/16 oz. \$2.25	1.00

CACTUS SEED

	Trade pkt.
Choice Mixture of many varieties	\$0.50

CALLIOPSIS, Annual Varieties

	Trade pkt.	Oz.
GOLDEN CREST. A rich orange-yellow or gold, with brown center. Many of the flowers have a double row of petals. Very free flowering, with stems 12 inches long. Excellent for cutting, and fragrant.	\$0.25	\$1.00
Dwarf Mixed .....	.25	1.00
Tall Mixed .....	.25	1.00

CANARY-BIRD VINE - Tropaeolum

	Trade pkt.	Oz.
Canariense. Flowers bright canary-yellow. A fine climber for shade	\$0.25	\$1.00

CALCEOLARIA

A most decorative pot plant which finds ready sale if well grown. The strains we offer cannot be excelled.

	1/2 trade pkt.	Trade pkt.	Oz.
Michell's Ramona. An exceptionally free-flowering variety of dwarf compact habit. Flowers are large, well shaped, and beautifully tigered. The mixture contains a fine range of colors in bronze, yellow, and red	\$0.85	\$1.50	\$5.00
Hybrida grandiflora compacta. An attractive tigered and spotted mixture. Dwarf growing	1.25	5.00	
Hybrida multiflora nana. A fine free-flowering type, with average-size blooms about 1 1/2 inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft.	1.25	5.00	

CROSSANDRA UNDULIFOLIA

A new and very valuable pot plant. This everblooming plant has flower spikes of overlapping bright salmon florets. Attractive bright glossy foliage.

Sown any time of the year it will flower in from 6 to 9 months. It requires a rich well-drained soil and a temperature of at least 65 degrees. We predict this will become a very popular pot plant. We offer new crop seed.

50 Seeds	\$ 2.50
100 Seeds	4.50
200 Seeds	8.00
500 Seeds	18.00

CULTURE

We suggest you use peat moss, do not cover seed (except with paper until they sprout) be sure to keep surface of flats moist. Keep at 60°, shade in summer. Seed sown in January and shifted to 4-inch pots will be ready for May sales.

CALENDULA - Pot Marigold Forcing Varieties

	Trade pkt.	¼ oz.	Oz.
Michell's Sunbeams. Michell Novelty. Exquisite blending of many delightful shades and color combinations, from pale cream to deep orange	\$0.40	\$0.65	\$2.25
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center . . . . .	.40	.65	2.25
Michell's Special Forcing Orange. An extra-fine strain. Very large, double flowers of deep orange. . . . .	.40	.65	2.25
Ball Gold. Long-stemmed, deep golden yellow. . . . .	.40	.65	2.25
Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center . . . . .	.40	.65	2.25
Ball Long Orange. Long-stemmed; orange with light center . . . . .	.40	.65	2.25
Ball Orange. Large, double, glowing orange flowers on long stems . . . . .	.40	.65	2.25
Ball White. Lightest color of all Calendulas, being soft creamy yellow. . . . .	.40	.65	2.25
Ball Mixture . . . . .	.40	.60	2.00

Bedding Varieties

	Trade pkt.	Oz.	¼ lb.
Pacific Beauties. A new strain with very large flowers on long, upright stems. The colors comprise shadings from pale lemon-yellow-buff to deep orange. Excellent for cutting. Splendid mixture.	¼ oz. 60c.	\$0.40	\$2.00 \$6.50
Chrysanth, Sunshine. Clear Buttercup-yellow, long, loosely arranged petals . . . . .	.25	1.00	3.00
Lemon King . . . . .	.25	1.00	3.00
Orange King . . . . .	.25	1.00	3.00
Mixed	Lb. \$7.00	.25	.60 2.00

CANDYTUFT - Iberis

Excellent edging plants and also valuable for cutting.

Michell's Giant White. This giant variety, which produces immense pure white spikes of bloom, is a very superior strain. Individual bracts are large and the plants of strong, robust habit. The best strain for forcing under glass for cutting and for pot culture.

Trade pkt. 30c; oz. \$1.00; ¼ lb. \$3.50; ½ lb. \$6.00.

Carmine.

Crimson.

Empress (Hyacinth-flowered).

Large; white.

Lavender.

Pink. Flesh-color.

Purple.

Rose-Cardinal. Brilliant rosy red.

Mixed. All colors.

Each of the above: Tr. pkt. 25c; oz. 75c; ¼ lb. \$2.50.

CARDINAL CLIMBER

	Trade pkt.	Oz.
Quamoclit Sloteri. Rapid-growing annual climber, bearing a profusion of cardinal-red flowers. For good germination, a small notch should be filed or cut in each seed.	\$0.25	\$2.00

CARNATION, Annual Varieties

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

MARGUERITE, MICHELL'S GIANT-FLOWERING ALL-DOUBLE EXTRA-SELECT STRAIN. This is an excellent cut-flower variety. Large, fully double flowers in a beautiful range of colors. Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.00.

Chabaud's Everblooming.

Jeanne Dionis. White.

Marie Chabaud. Yellow.

Sparkler. Cardinal-red.

The Pearl. Rose-pink.

Each of the above, trade pkt. 40c; ¼ oz. \$1.00; oz. \$3.25.

Fantasy. Striped and variegated colors, large flowers and very fragrant.

Violet. Bright purple.

Choice Mixed.

Giant Enfant de Nice. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter. This strain is magnificent.

Red. Blood-red.

Rose. Deep rose.

Salmon. Light.

Enfant de Nice Violet. This is a new shade, a clear purple.

White.

Mixed.

Each of the above: Tr. pkt. 50c; ¼ oz. \$2.25.

Early Dwarf Vienna. Annual. A dwarf early blooming type, very free flowering choice mixture.

Tr. pkt. 50c; ¼ oz. \$1.50; ¼ oz. \$2.50.



CANDYTUFT, Michell's Giant White

CELOSIA - CRISTATA or COCKSCOMB

GILBERT'S MAPLE GOLD. Grows 2' to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shaped cluster. The maple-pink heads vary in color from light to dark pink tipped with gold.
Trade pkt. ¼ oz. Original pkts. only \$0.50

Royal Velvet. All-America Winner. Large center heads of rich ruby-red of velvety texture50 1.00

Giant Empress. Dwarf. Bright crimson. Dark foliage40 .75

Choice Mixed. Dwarf sorts40 .75

PLUMOSA or FEATHERED

A fine decorative plant for the garden; also excellent for cutting.

CELOSIA (Cockscomb) New

Pampas Plume. This new type of Plume Cockscomb has big fleecy, feathery flowers in all the brilliant colors of autumn leaves: gold, copper, deep red, scarlet, henna and carmine. Grows 30 in. high, blooms in approximately 75 days from seed, heat loving and pest free. Wonderful cut flower.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.50.

Golden Fleece. Looking for something really unusual? Here is a new annual that will stand any amount of hot weather, even pests and diseases, and will cut and come again all summer long. This is a new sort of Ostrich Plume or Feathered Cockscomb called Golden Fleece. Plumes are large and dense, the color bright gold changing to dark orange. Long cutting stems—dozens of them to the plant. A wonderful florist's cut flower as well as a showy border plant. 1 oz. \$5.00 .0.75 \$1.50

	Trade pkt.	¼ oz.	Oz.
Pyramidalis, Improved Flame of Fire. Plants perfectly pyramidal in shape, 1½ feet high. Flowers brilliant crimson	\$0.50	\$1.25	
Fiery Feather (Lilliput). Extra-select dwarf strain; color brilliant orange-red, fine for pots. . . . .	.50	1.25	4.00
Golden Feather (Lilliput). Same type as above, with bright golden yellow flowers . . . . .	.50	1.25	4.00
Heatherdell. Large trusses of beautifully feathered and interlaced plumes in a fine range of red, pink and yellow shades, mixed . . . . .	.50	1.25	4.00
Golden Plume. Deep golden yellow. . . . .	.25	.60	2.00
Pride of Castle Gould, Mixed . . . . .	.40	.75	2.50
Scarlet Plume . . . . .	.25	.60	2.00
Choice Mixed . . . . .	.25	.50	1.50

CHINESE WOOLFLOWER - Celosia Childsi

Very effective for beds and borders. Ball-shaped flowers, resembling silky wool.

Tr. pkt. ¼ oz. Oz. \$0.30 \$0.60 \$2.00



CENTAUREA CYANUS

CENTAUREA

Cyanus - Cornflower

Special Florists' Super-Giant Strain. We offer the following improved Giant Cornflowers, the blooms of which are fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.

Michell's Blue Bonnet (Improved Blue Boy). A superior strain with large, deep blue, very double flowers.

Trade pkt. 25c; oz. 75c; 1/4 lb. \$2.50; lb. \$7.50.

Blue Boy. Deep Cornflower-blue. **Snow Man.** Pure white.

Pinkie. Clear deep pink. **Choice Mixture.**

Red Boy. The best deep red.

Each of above: Tr. pkt. 20c; oz. 50c; 1/4 lb. \$1.60; lb. \$5.50.

Jubilee Gem. Dwarf type, free flowering, fine for pots or borders. 1 ft. Trade pkt. 30c; oz. \$1.10.

Imperialis - Giant Cornflower; Sweet Sultan

	Trade pkt.	Oz.
Choice Mixed	.....	\$0.25 1.00

White-Leaved - Dusty Miller

Excellent for borders, vases, baskets, etc. Tr. pkt. 1/4 oz. Oz.

Candidissima. Broad-cut, silvery gray foliage. \$0.49 1.00 \$3.75

Gymnocarpa. Fine-cut silvery foliage.25 1.00

Large-Flowering Cut-Flower Sort

Americana.	Handsome large flowers. Lilac.	Tr. pkt.	Oz.
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purple 1/4 lb.	\$3.50 \$0.25	\$1.00
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Americana alba.	Pure white 1/4 lb.	3.50 .25 1.00
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CHEIRANTHUS

Trade pkt. Oz.

★ **Allioni.** Siberian Wallflower. A biennial but best treated as an annual. Spikes of brilliant orange flowers. \$0.25 \$0.75



CINERARIA, Cremer's Prize Strain

CHRYSANTHEMUMS, Annual

	Trade pkt.	Oz.
Single Mixed (Rainbow)	.....	\$0.25 \$2.00

CINERARIA

CREMER'S PRIZE STRAIN, WILT RESISTANT

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Tr. pkt. \$1.50; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.25.

SITER'S RAINBOW STRAIN

Mixed. Large flower heads of medium-sized individual florets in an excellent color range.

Trade pkt. \$2.00; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

Multiflora Nana

Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in great profusion and in a range of fine colors.

Mixed Colors.

1/2 trade pkt. 60c; trade pkt. \$1.00;
1/64 oz. \$2.00; 1/32 oz. \$3.75.

Multiflora Grandiflora Maxima

This new Hybrid is a cross between Multiflora nana and Grandiflora. Individual florets measure 2 to 3 inches in diameter and are produced in quantities of 100 blooms and over to the plant. We offer it in mixed colors only.

1/2 trade pkt. 60c; trade pkt. \$1.00; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

HOWARD & SMITH'S STRAIN

A fine strain of large-flowering Hybrida grandiflora, large-leaved type, grown by a California specialist.

Trade pkt. \$1.00; 1/64 oz. \$3.00.

DUSTY MILLER

MARITIMA CANDIDISSIMA

White-leaved foliage plant much in demand for bedding, vases, baskets, etc.

Trade pkt. 25c; oz. \$1.00.

CLARKIA elegans, Double

A popular annual of easy growth, much used for cutting, both indoors and out.

Salmon Queen. Brilliant salmon. **White Prince.** White.

Scarlet Queen. Fiery scarlet. **Mixed.**

Trade pkt. 25c; oz. \$1.00.

CLEOME - Spiderflower

Giant Pink Queen. Silver Medal, All-America Selections. Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from mid-summer to late fall. Height 3 to 4 feet.

Trade pkt. 30c; oz. \$1.80.

Helen Campbell. (New.) A sport of Pink Queen with glistening pure white flowers. Slightly earlier and larger than the Pink.

Tr. pkt. 40c; 1/4 oz. 90c; oz. \$2.75.

COBAEA scandens - Cup-and-Saucer Vine

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

Purple Tr. pkt. 40c; 1/4 oz. 75c; oz. \$2.50.

COLEUS, Large-Leaved Varieties

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form.

Trade pkt. 75c; 1/16 oz. \$2.50; 1/8 oz. \$4.00; 1/4 oz. \$7.00.

Rainbow Mixture. An excellent mixture.

Tr. pkt. \$1.00; 1/32 oz. \$2.50; 1/16 oz. \$4.00; 1/8 oz. \$7.50.

Choice Mixture.

Tr. pkt., 50c; 1/8 oz. \$2.00; 1/4 oz. \$3.50.

CONVOLVULUS - Morning Glory

Major or Tall Varieties

	Trade pkt.	Oz.	1/4 lb.	Lb.
Clarke's New Improved Early Blue	.....	\$0.25	\$0.75	\$2.25
Imperial Mixed	.....		.20	.60 \$2.00

COSMOS

Extra Early Sensation Mixed

This new strain of Sensation Cosmos will bloom fully 2 weeks earlier than the regular variety. The plant habit is more graceful and slightly more dwarf than the regular strains. Flowers 4 to 4½ inches across, made up of 7 to 8 overlapping petals forming a dish-like flower. Contains a full range of colors available in this popular flower.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.

FIESTA. All-America Winner. Early, heat-loving, easy to grow, Fiesta makes a compact 2½-ft. plant with a riot of bloom all summer. Flowers are semi-doubled, ruffled, a true fiery scarlet, borne like tropical birds amidst lacy foliage. Tr. pkt. 40c; ¼ oz. 60c; oz. \$2.00.

Double Varieties

Orange Ruffles. A semi-double form of the ever-popular Orange Flare but slightly dwarfed in habit. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange blooms.

Trade pkt. 25c; oz. \$1.00.

Double Sensation Mixed. Two types, fluted and crested. The crested type has a large, 2-inch crested center and the fluted are so double they resemble a Camellia.

Trade pkt. 40c; ¼ oz. \$1.00.

Single Sensation

Early, giant-flowering single variety. Blooms large, 4 to 6 inches across. Height 6 feet.

	Trade pkt.	Oz.
Cardinal. Crimson	\$0.30	\$1.20
Pinkie. Light pink	.30	1.20
Purity. Pure white	.30	1.20
Mixed	.30	1.20

RADIANCE. Silver Medal, All-America Selections. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large, well-defined zone of rich crimson.

Tr. pkt. 30c; oz. \$1.20.

Single Early-Flowering

Begins blooming as early as July and continues until frost.

YELLOW FLARE. Silver Medal, All-America Selections. Similar to the original Orange Flare, except in color, which is a very rich golden yellow. A very striking plant for the garden, growing 3 to 4 feet tall.

Tr. pkt. 30c; oz. \$1.25.

Large Early-Flowering, Mixed.

Tr. pkt. 25c; oz. 75c.

Double Early-Flowering

Mixed. Tr. pkt. 30c; ¼ oz. 75c; oz. \$2.25.

Single Late-Flowering

Giant-Flowering. **White (White Lady).**
Crimson. **Mixed.**
Pink (Lady Lennox).

Each of above: Tr. pkt. 25c; oz. \$1.00.

CYNOGLOSSUM

	Trade pkt.	¼ oz.	Oz.
FIRMAMENT. Dwarf, compact type, 15 inches tall. Color deep ultramarine-blue	\$0.25	\$0.40	\$1.25
Amabile. Chinese Forget-Me-Not. An excellent annual, producing rich Forget-me-not-blue flowers. 2 ft.	.20		.75

CYCLAMEN

MICHELL'S GIANT IMPORTED SHOW

Note.—Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 1. Dark Blood-red	\$1.90	\$17.50
No. 2. Bright Red	1.90	17.50
No. 3. Pure Rose	1.90	17.50
No. 4. Rose of Marienthal. Bright pink	1.90	17.50
No. 5. White with Carmine Eye	1.90	17.50
No. 6. Pure White	1.90	17.50
No. 7. Sonfire. Brilliant scarlet	2.50	22.00
No. 8. America. Salmon-scarlet	2.50	22.00
No. 9. Improved Salmon-Rose	2.50	22.00
No. 10. Glory of Wandsbek. Salmon-red	2.25	20.00
No. 11. Rose of Zehlendorf. Salmon-pink	2.25	20.00
Mixture of above colors	1.90	17.50

VOGT'S NEW DOUBLE-FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant. Available in original packets of 100 seeds.

Admiration. A beautiful salmon-rose with shaded eye.

Cerise Brilliant. Large flowers of a rich cerise-red.

Prosperity. Flaming rose with distinct silvery edging.

Rosea. Soft rose with coral cast, shading light at tips.

Mixed Colors.

Each of the above double flowering varieties: 100 seeds \$3.50; 1000 seeds \$25.00.

The above prices on Cyclamen are net and subject to market changes.



COSMOS, Fiesta

CYPRESS VINE - Ipomoea Quamoclit

	Trade pkt.	Oz.
Mixed	\$0.25	\$2.00

DELPHINIUM

Chinense grandiflorum (Annual)

	Trade pkt.	Oz.
Blue Butterfly. Deep blue flowers ¼ oz. 50c.	\$0.30	\$1.50
Blue Mirror. Bright navy blue flowers without spurs. Can be treated as an annual, also perennial. Excellent for cutting ¼ oz.	\$1.00	.50
Cambridge Blue. Azure-blue, 3 ft. ¼ oz.	\$0.75	.40
White. 3 ft. ¼ oz.	\$0.50	.30
Chinensis, Finest Mixed.	.25	1.25

DATURA - Angel's Trumpet

Wrightii. Giant trumpets that open soft rose-lavender, gradually becoming white. Free flowering .30 2.00

DIMORPHOTHECA

Aurantiaca hybrida. African Orange Daisy. Various colors. 1 ft. ¼ oz. \$0.50 .30 1.75

DOLICHOS - Hyacinth Bean

	Oz.	¼ lb.
Choice Mixed	\$0.40	\$1.50

DRACAENA

	Trade pkt.	Oz.	¼ lb.
Indivisa. Narrow green leaves. The popular center plant for vases	Lb. \$6.00	\$0.20	\$0.60
DUSTY MILLER. See Centaurea and Cineraria maritima.			



CYCLAMEN



DAHLIA, Unwin's Dwarf Hybrids

DAHLIA

Easily grown from seed and very popular for cutting.

Michell's

ALDOUBLE DWARF HYBRIDS

A new strain which will produce 100 per cent alldouble flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot plants.

Trade pkt. 75c; ¼ oz. \$2.50; oz. \$8.00.

	Trade pkt.	Oz.
Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of charming colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart.		
..... ¼ oz. 80c; ¼ lb. \$8.50	\$0.40	\$2.75
Double Cactus. Choice mixture, all colors	¼ oz. \$2.50	.75 8.00
Double California Giants, Mixed. A selection from named varieties grown by a celebrated producer in California	¼ oz. \$3.00	1.00 11.00
Double Large-Flowering, Mixed. Show type	¼ oz. \$1.00	.50 3.50
Coltness Hybrids, Mixed. Dwarf single type. Very free flowering. Choice mixture. 2 ft.	¼ oz. 50c	.25 1.50
Single Giant Perfection, Mixed	¼ oz. 60c	.25 2.00

DIANTHUS - Pinks

Heddensis, Westwood Beauty. All-America Selection. Flowers single, 1½ to 2¼ inches, deeply laciniated. Shades of crimson and scarlet, some having attractive white edgings. Average height, 16 inches	¼ oz. 60c	.30 2.00
Heddensis, Finest Mixed. All-America Award Winner. Westwood Beauty is now offered in the full range of Dianthus colors. Well-formed 2-inch flowers on long 16-inch stems, fine for cutting	¼ oz. 60c	.30 2.00
Sweet Wivelsfield. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer. Mixed		.25 1.10

Double Annual Varieties

Chinensis Mixed. China or India Pink	¼ lb. \$3.00	.25 1.10
Fringed, Mixed. Large flowers		.25 1.25

Single Annual Varieties

Choice Mixed.		.25 1.25
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Didiscus - Blue Lace Flower

Coerulea. (Improved Strain.) Flowers 1½ to 2 inches, very free flowering, light bluish lavender flowers. Ideal for spring forcing. Tr. pkt. 25c; oz. \$1.25.

ESCHSCHOLTZIA - California Poppy

	Trade pkt.	Oz.
Californica. Yellow	\$0.25	\$0.75
Choice Mixed	.25	.80

EUPHORBIA

Variegata. Snow-on-the-Mountain	Lb. \$5.50	.20 .60
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GAILLARDIA

Annual Varieties

Useful for cutting or for the mixed border.

Indian Chief. Single; brilliant bronzy red	.25	1.10
Single Annual, Mixed (G. pulchella picta). 2 ft.	.25	1.10
Double Annual, Mixed (G. pulchella picta Lorenziana)	.25	1.10

GERANIUM

Zonale, Mixed. Single	¼ oz. \$1.25	.60 4.00
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GERBERA - Transvaal Daisy

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot plants or for cutting.

	100 seeds	1000 seeds
Jamesoni hybrida. These hybrids include many brilliant colors and shades	\$0.50	\$3.50

GLOXINIA

Trade pkt.

Hybrida grandiflora. French Hybrids. Our seed is saved from selected plants of a collection grown by a celebrated specialist.

..... ½ trade pkt. 75c. \$1.25

GOMPHRENA - Globe Amaranth

Also called "Bachelor's Buttons." A useful Everlasting for bedding, also for cutting.

Trade pkt. Oz.

Buddy. Dwarf purple, an excellent strain for pot plants or borders. Uniform, ball-shaped plants 6 inches tall, very long blooming	¼ oz. 65c	\$0.30 \$2.00
Globosa. Tall. Red-purple		.25 1.00
Mixed. All colors		.25 1.00



BLUE LACE FLOWER

GREVILLEA - Silk Oak

Robusta. A fine foliage plant. Makes an ideal base for made-up holiday baskets. Easily raised from seed
Trade pkt. Oz.
1/4 oz. \$1.25 . \$0.40 \$4.00

GYPSOPHILA elegans grandiflora Baby's Breath

	Oz.	1/4 lb.	Lb.
New York Market. Fine pure white variety; large, extra-petaled flowers. Strong growth.....	\$0.40	\$1.00	\$3.00
Covent Garden Market (London Market). (Improved Strain.) Very large pure white flowers with 6 to 8 petals. We consider this the best variety on the market .....	.30	.75	2.50
Paris Market Strain. A popular standard sort. Very early .....	.25	.70	2.00
Elegans, carminea. Bright carmine-rose.....			
Tr. pkt. 30c.....	1.00	3.50	

GOURDS, Ornamental

	Trade pkt.	Oz.
Large Sorts, Mixed	\$0.20	\$0.60
Small Sorts, Mixed .....	.20	.60

HELIOTROPE

Highly prized on account of the delightful fragrance of the flowers. Excellent for pots or bedding.
Trade pkt. Oz.
Regale. Dwarf; large flowering 1/4 oz. \$1.00 . \$0.50 \$3.50
Choice Mixed 1/4 oz. .75 .40 2.50

HELICHRYSUM bracteatum monstrosum Strawflower

	Trade pkt.	1/4 oz.	Oz.
Choice Mixed	\$0.25	\$0.60	\$2.00

HOLLYHOCK, Double Annual

Indian Summer. All-America Bronze Medal Winner. New double Hollyhock that blooms in the summer from seed sown early in spring; also can be treated as a perennial. Choice Mixed.
Tr. pkt. 30c; 1/4 oz. 60c; oz. \$2.00.

HUNNEMANNIA - Yellow Tulip Poppy

	Trade pkt.	Oz.
Sunlite. Semi-double, bright canary-yellow flowers. Gray-green foliage.....	1/4 oz. 50c	\$0.25 \$1.50



GYPSOPHILA, New York Market



MORNING GLORY, Clarke's Early Improved

IMPATIENS - Sultan's Balsam

Dwarf Sultani Mixture. Compact and free flowering plants in a bright mixture.
Trade pkt. \$1.25; 1/32 oz. \$2.00.
Holsti. Vermilion-red.
Holsti New Hybrids. Various colors.
Sultani, Bright Rose.
Sultani Hybrids. Various colors.

Each of the above: Tr. pkt. 60c; 1/16 oz. \$1.10; 1/8 oz. \$2.00.

IPOMOEA

	Trade pkt.	Oz.
DARLING. A distinct break out of Scarlett O'Hara Morning-Glory! Darling is the same rich wine-red but with a snowy white throat that provides enough contrast to make the flowers stand out immediately	\$0.40	\$1.40
BLUE STAR. Honorable Mention, All-America Selections. A distinct shade of clear sky-blue accentuated by the five deeper blue midribs to form an attractive star.....	.40	1.40
PEARLY GATES. Silver Medal, All-America Selections. The flowers of this variety are a lovely lustrous white with cream shading deep down in the throat and average 4 1/2 inches across .....	.25	1.00
Morning Glory, Scarlett O'Hara. Gold Medal, All-America Selections. A new early-flowering variety with blooms 3 to 4 inches across and of a vivid scarlet color. Will begin to bloom in about 65 days from seed.....	.25	1.00
Heavenly Blue Morning Glory, Clarke's Early Improved 1/4 lb. \$2.25 ..	.25	.75
Noctiflora. Moonflower. Large; white..... 1/4 lb. \$2.00 ..	.20	.60

KOCHIA - Summer Cypress

Childsi. An improved strain15	.35
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KALANCHOE

	Trade pkt.	1/64 oz.
BRILLIANT STAR. (New Hybrid.) An excellent pot plant with flowers 3 times the size of regular varieties, and of a brighter fiery red color. The foliage is restricted to the base of the plant, which allows development of flower stems 7 inches long, especially good for cutting.....	\$1.75	\$6.50
Tom Thumb. A dwarf compact strain of this popular succulent producing perfectly rounded symmetrical plants, literally covered with bright scarlet flowers. A January or February sowing will produce fine 4-inch specimens for next winter's sale	1/128 oz. \$3.00 ..	1.50 5.50
Blossfeldiana (globulifera coccinea). A succulent pot plant that is of very easy cultivation. The flowers are similar to Bouvardia in form and are a very bright scarlet .....	.75	2.00

Michell's Larkspur

A very popular annual for cutting, either outdoors or in the greenhouse. Seed sown in warm weather will germinate very slowly.

New Supreme Strain

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types. This variety is especially fine for greenhouse growing.

Light Blue Supreme

Light Blue Supreme has the largest florets of any Larkspur known. Several rows of overlapping round petals make a full double floret. A clear heavenly blue without a trace of mauve and it will not fade even in strong sunlight. Superior to Blue Bell in every respect. Base branching and the florets are beautifully spaced on long flower spikes.

Tr. pkt. 50c; ½ oz. \$1.50; oz. \$2.50; ¼ lb. \$8.50; lb. \$30.00.

Dark Blue Supreme. Rich violet-purple.

Lilac Supreme. The best clear lilac to date.

Pink Supreme. Clear bright rose-pink.

Rose Supreme. Clear deep rose.

Salmon Supreme. A true salmon-pink.

White Supreme. Pure white.

Choice Mixed.

Each of the above, trade pkt. 40c; ½ oz. \$1.10; oz. \$2.00;
¼ lb. \$6.50; lb. \$20.00.

Giant Imperial Varieties

Identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

Brilliant Rose. The finest florist rose-pink to date.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford-blue.

Deep Carmine King, Improved. A larger, more beautiful Carmine

King, which will hold its color under the most trying conditions.

Exquisite Pink, Improved. Beautiful salmon-pink. Comes practically 100% true.

Lilac King. A true lilac shade.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Pink King. Soft, warm salmon-rose.

Pink Perfection. Lively shade of light pink. Large florets.

Sweet Lavender. Light lavender-blue.

White King. (Improved.) All-America Winner. Giant pure white flowers on long spikes.

White Spire. Pure white.

Mixed.

Each of the above, trade pkt. 30c; oz. \$1.15; ¼ lb. \$4.00; lb. \$13.00.



LARKSPUR, Supreme

LANTANA

Trade pkt. Oz.

Hybrida Choice Mixed. Sow seed early, and with bottom heat ¼ oz. 50c. \$0.25 \$1.75

LINARIA

Fairy Bouquet Mixed. Dwarf. Large flowering. Choice mixture ¼ oz. 50c. .25 1.50

LINUM - Flax

Rubrum. Scarlet Flax. Annual. Large flowers. 1½ ft.20 .60

LOBELIA

• One of the best plants for edging beds, or for pots, baskets, and vases. Seed should be sown early.

Sutton's Cambridge Blue. Large, bold flowers of a light blue shade. Dwarf, compact growth. Green foliage.

Michell's Blue Stone. Dwarf, compact growth. Bright blue.

Crystal Palace Compacta. The leading dwarf variety. Dark blue flowers and dark foliage.

Mrs. Clibran. Dwarf. Deep blue flowers with white eyes.

Sapphire. Deep blue, white eye. Trailing.

Each of the above, trade pkt. 50c; ¼ oz. 85c; oz. \$3.00.

Crystal Palace Speciosa. The best trailing sort for baskets and vases. Deep blue flowers \$0.25 \$1.10



LOBELIA, Michell's Blue Stone

PLEASE NOTE.—The pound rate will apply only where ½ pound or more of a variety is ordered.



MATRICARIA

LUPINUS, Annual Dwarf

Very attractive and popular as a cut flower.

PIXIE DELIGHT. A new type, dwarf growing Lupin, very free flowering in a wide range of colors. This is something different and should find a place in every garden.
 1/4 oz. 60c. \$0.30 \$2.00

HARTWEGI (KING)

An improved strain, 3 to 4 feet high, with base-branching habit.

King Blue. Enormous spikes of rich Oxford-blue color.

King Sky-Blue. Clear light blue.

King White. Glistening pure white; giant spikes.

Choice Mixture.

Each of the above, trade pkt. 25c; oz. \$1.00.

MATRICARIA - Feverfew

Ball Strain. A fine pure white with long stems, coming 80 to 85 per cent true, full doubles. Fine for greenhouse, as well as outdoors. 1/2 tr. pkt. 30c; 1/4 oz. \$1.75 \$0.50 \$5.75
Double White. Fine for cut flowers. 1 1/2 ft. 1/4 oz. 75c. .30 2.50

MATTHIOLA

Bicornis. Evening-Scented Stock. Purplish lilac. \$0.25 \$0.75

MIGNONETTE

Valuable for cutting on account of its fragrance.
Ball Forcing Strain. Colossal spikes. The best variety for forcing 1/4 oz. \$2.00 \$1.00 \$7.00
Machet. A selected strain.25 1.25
New York Market. A selected florists' strain. 1/4 oz. 50c. .25 1.50
Sweet-Scented. Large flowering 1/4 lb. \$1.50. .50

MIRABILIS JALAPA

Marvel of Peru; Four O'clock

Mixed Colors Oz. 1/4 lb. \$0.40 \$1.25

NASTURTIUMS, Double Varieties

Dwarf Double Art Shades. The most brilliant mixture yet introduced. Plants are of dwarf, compact habit with the flowers well above the foliage. Excellent for borders

..... Oz. 40c; 1/4 lb. \$1.00; lb. \$3.50
Dwarf, Golden Globe. Identical in color to the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented.

Dwarf, Scarlet Globe.

Dwarf Gem Mixture. Semi-double, sweet-scented flowers in an excellent color range.

Golden Gleam. (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers, excellent for cutting and growing in pots in the greenhouse.

Scarlet Gleam. (Bodger.) Fiery scarlet, 3 inches across and uniformly double, with lush green foliage.

Gleam Hybrids. (Bodger.) These are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.

Each of above, except where noted: Oz. 30c; 1/4 lb. \$1.00; lb. \$3.50.

Dwarf or Tom Thumb Single Variety

Michell's Giant-Flowering, Mixed. Oz. 1/4 lb. Lb. \$0.25 \$0.90 \$3.00

Climbing or Trailing Variety

Michell's Giant-Flowering, Mixed.25 .90 3.00

NEMESIA

A fine bedding annual with large flowers.

Blue Gem. Bright blue. Plants of compact growth. Trade pkt. Oz. 1/4 oz. \$1.25 \$0.50

Strumosa Suttoni. Colors vary from creamy white to deep orange and carmine. 1/4 oz. \$1.00. .40 3.00

NEMOPHILA

Insignis, Blue. A pretty annual growing about 8 inches high, with light blue flowers. Trade pkt. Oz. \$0.25 \$1.00

NICOTIANA - Ornamental Tobacco

Miniature White (N. suaveolens). A dwarf type growing 1 1/2 feet high, with miniature white, very fragrant flowers. 1/16 oz. 85c. .50
Affinis. Large, white, fragrant flowers. 2 1/2 ft.25 1.00
Affinis Hybrids, Mixed. 2 1/2 ft.25 1.00
Crimson Bedder. Rich deep crimson. Dwarf. 1/4 oz. 60c. .25 2.00

NIEREMBERGIA

Hippomanica. Dwarf Cup-Flower. A lovely new annual, growing 5 to 6 inches tall, and completely covered with small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center. 1/32 oz. \$1.00 \$0.50
Purple Robe. Bronze Medal, All-America Selections. A very fine deep violet-purple form of Hippomanica. This form maintains its deep color, does not fade, has a neat, compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high. 1/32 oz. \$1.65 .50



NIEREMBERGIA, Purple Robe

Michell's Selected

AFRICAN TYPES Chrysanthemum-Flowered

Trade pkt. ¼ oz. Oz.

- Glitters.** All-America Bronze Medal Winner. Fluffy, Chrysanthemum-like, bright canary-yellow flowers 3 inches across, long stems. 2 feet high.....\$0.50 \$1.00 \$3.00
- Goldsmith.** Base branching, growing 3 to 4 feet high and producing large golden orange blooms 4 to 5 inches across30 .65 2.25
- Happiness.** A new early bloomer growing about 15 to 18 inches tall. Chrysanthemum-like blooms 3½ inches across, golden yellow..... .40 .75 2.50
- Mammoth Mum.** Flowers are fluffy, ball-like, light sulphur-yellow in color. Plants are 30 inches high and blooms 3½ inches across. Early flowering40 .75 2.50
- Mission Giants, Yellowstone.** All-America Selections. Bright rich clear yellow counterpart to Goldsmith, with large 2½-inch flowers. Plants 3 to 5 feet high..... .30 .65 2.25
- Giant Chrysanthemum-Flowered Hybrids.** These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms and colors..... .30 .50 1.75

Gigantea Varieties

A remarkable sweet-scented, robust growing, extremely large flowered type. Ideal for show purposes, florists' use, and garden decoration.

EARLY SUNSET GIANTS MIXED

The largest flowered Marigold ever offered. This strain will start blooming 18 to 20 days earlier than the regular strains. The plant habit is more refined and less rangy without loss of vigor. Each plant will produce 8 to 12 enormous blooms, most of which are 5 inches across. The color range includes cream, buff, lemon, gold and orange. Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.

- Gigantea, Orange Sunset.** All-America Winner. Flowers average 5 inches or more in diameter..... .30 .50 1.75
- Sunset Giants Mixed.** Plants grow 3½ to 4 feet high. Same as above in choice mixed colors..... .30 .50 1.75

Carnation-Flowered

These favorite free-flowering annuals grow from 2½ to 4 ft. tall and are well adapted for large beds, mixed borders, and splendid for cutting.

- Burpee Gold.** Beautiful Carnation-like flowers, fully double. Color is an even rich orange. Blooms 3½ inches across. Plants lack the disagreeable odor..... .30 .50 1.75
- Golden Eagle.** Delightful shade of luminous gold. Early flowering and produces 100% double 4-inch flowers..... .30 .50 1.75
- Guinea Gold.** The flowers are 100% double and semi-double. Clear orange, flushed with gold..... .30 .50 1.75
- Yellow Supreme.** Broad, loosely frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft.... .30 .50 1.75
- Alldouble Lemon.** A fine clear yellow variety which will produce all double flowers..... .30 .50 1.75
- Alldouble Orange.** Produces a large percentage of double flowers of a bright orange shade..... .30 .50 1.75

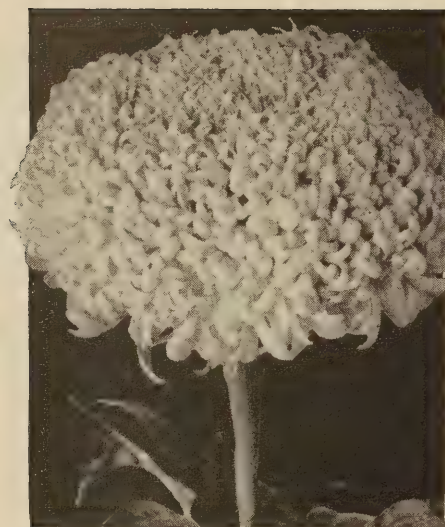
African Double

- Tall Double, Mixed** ¼ lb. \$5.50.. .30 1.50

FORCING MARIGOLDS

Trade pkt. Oz.

- Lieb's Winter-Flowering.** Mahogany-brown, golden yellow crested center..... ¼ oz. 60c.. \$0.40 \$2.00
- Lieb's Winter-Flowering Sunshine.** Bright golden yellow. ¼ oz. 60c.. .40 2.00



CHRYSANTHEMUM FLOWERED, Glitters



GIGANTEA, Sunset Giants



CHRYSANTHEMUM-FLOWERED, Happiness

Marigolds . . .

DWARF DOUBLE FRENCH 3 NEW VARIETIES

RUSTY RED

Large, rusty red, fully double flowers, 2 inches and more across, are borne freely well above the dwarf, bushy plants from early in the summer until frost. Larger and brighter than the old popular Robt. Beist which is no longer available. Grows 18 inches high.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.75.

TANGERINE

Distinct shade of bright tangerine-orange. Flowers are fully double, 2 inches across, and completely cover the bushy, mound-like plants which grow about 15 inches high. Blooms from early summer until frost. Ideal for cutting, and wonderful for beds and borders.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.75.

LEMON DROP

In the Dwarf French Miniature class, this early full double canary-yellow Marigold will in our opinion replace Yellow Pigmy. Grows 9 inches tall, free flowering and uniform, compact plants. Excellent for pots or bedding.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

Standard Varieties

	Trade pkt.	¼ oz.	Oz.
Butterball. Bronze Medal, All-America Selections. Very compact, Scabious-flowered, canary-yellow. 6 to 10 inches tall; uniform. Very early.	\$0.30	\$0.50	\$1.75
Color Magic. Fully double, 1½-inch flowers in rich shades of yellow and orange irregularly marked with red. 12 in. high.	.40	.75	2.50
Golden Bedder. Bronze Medal, All-America Selections. A very early variety. Plants form symmetrical mounds, covered with golden orange flowers.	.30	.50	1.75
Harmony Hybrids. 12 to 14 inches high, flowers medium size, color range includes innumerable combinations of Harmony.	.30	.50	1.75
Harmony. Flowers very double, deep orange, with maroon collar.	.30	.50	1.75
Melody. Bronze Medal, All-America Selections. Double, brilliant orange. Compact plants 12 inches high. Very early.	.30	.50	1.75
Miniature New Spry Hybrids. New and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain.	.30	.60	2.00
Spry. Silver Medal, All-America Selections. Extra-dwarf, double, compact and uniform, 9 inches tall, with very light orange-crested center and maroon outer petals.	.30	.50	1.75
Scarlet Glow. Honorable Mention, All-America Selections. A distinct bronzy red color. Flowers are 1¾ to 2 inches across; some show russet and gold colors.	.30	.50	1.75
Sunkist. Very dwarf and compact, with solid deep golden orange, Anemone-type flowers. Free flowering.	.30	.50	1.75
Royal Scot. Color rich mahogany and gold, in uniform stripes.	.30	.50	1.75
Yellow Pigmy. Light lemon-yellow. Grows 8 inches high. Free flowering.	.30	.50	1.75
Dwarf Double French, Mixed ¼ lb.	\$4.00	.25	1.25

DWARF SINGLE FRENCH

BROWNIE

The contrasting hues of vivid russet-red and glistening golden yellow create a color combination that has both luster and harmony. The crested centers are made up of hundreds of slender, glistening, golden yellow tube-like petals that seem to fairly burst from a rich mahogany-red disk of a single row of mildly serrated flat overlapping petals. The mahogany-red petals are edged with a thin line of gold further enhancing the warm color. Very free flowering blooms 2 inches in diameter, long flowering season. Excellent for beds and borders.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$5.00.

Flash. The flowers are brilliant tangerine and marigold, later turning to golden orange.	.30	.50	1.75
Red Head. The plants grow very vigorously—forming a compact row 15 inches high and 20 inches across. Flowers 2 in. across, rich mahogany.	.30	.50	1.75
Sunny. Cheerful, single, bright yellow flowers, about 2 inches across, with attractive wavy edges. Plants are well rounded, 15 inches tall, 16 inches across.	.30	.50	1.75
Naughty Marietta. Flowers 2 to 2½ inches in diameter. 12 inches tall and 16 inches across, completely covered with bright golden yellow flowers, attractively marked with mahogany at the base of the petals.	.30	.50	1.75

DWARF AFRICAN

Aurora. Gaillardia-flowered type. Deep golden yellow. Early blooming. 12 to 14 inches tall. Fine for borders and bedding.	.50	1.00	3.50
Cupid. Odorless foliage. Large primrose-yellow Chrysanthemum-like flowers, 2 to 2½ inches across. Height 6 inches.	.60	1.50	5.00
Little Giants, Mixed. Plants are compact and literally covered with blossoms. Foliage is a deep bluish green.	.40	.65	2.25



DWARF, Butterball



DWARF SINGLE, Brownie



DWARF DOUBLE, Yellow Pigmy

Michell's Double Petunias

We are headquarters for this florist's popular pot plant. The following list is selected from the finest strains of Petunias that are grown in Europe and California. We supply the most critical trade in every state in the Union with our selected strains.

All-Double Dwarf Victorious Strains

Amaranth-Red.

Attraction. Rich bright rose with contrasting variegation of purest white.

Blue Brocade. True violet-blue.

Fantasy. Rich velvety violet-blue and pure white.

Illumination. Developed from Rosy Carmine Improved, being much brighter in color and more uniform in shading. Bright red with scarlet sheen. Is the brightest color of all Victorious Petunias. Very large flower of well-fringed form.

Loveliness. Extra dwarf. Color is a clear La-France-pink.

Each of the above, 1/2 trade pkt. (400 seeds) \$2.25;
trade pkt. (800 seeds) \$4.00; 1/64 oz. \$12.50; 1/32 oz. \$23.00.

Mayflower. Conspicuously veined with bright carmine-red on white ground; some show lighter veins. Very unique but beautiful coloring.

Orange (Salmon). This is the nearest to orange of any Petunia. Salmon-orange may be a more suitable description. Flowers are large and well fringed. An important addition to this group.

Pure White Snowball. Well fringed pure white. Heavy double flowers.

Rosy Carmine (World Beauty). The best in this type. Plants dwarf. Flowers of a rosy carmine shade, well frilled and fully double.

Silver-Blue. The soft shade of silver-blue identical to the Hybrida Silver-Blue developed out of Orchid Beauty. The flowers are well fringed and large.

Victorious. Formula mixture. Special mixture made up of named varieties. All colors mixed.

Pan-American Strain

Allegro. Large, double, fringed, deep salmon flowers.

Caprice. Double, deep fringed, bright rose.

Nocturne. Deep midnight purple like Elk's Pride.

Rhapsody. It is a deep wine-purple that will not fade. 100% large fringed flowers and borne on dwarf compact plants. A noteworthy addition to this famous line of All-double Petunia.

Sonata. Large, double, pure white flowers. Fine for Mother's Day sales.

Each of the above, 1/2 trade pkt. (500 seeds) \$2.75;
tr. pkt. (1000 seeds) \$4.50; 1/128 oz. \$8.50; 1/64 oz. \$16.00.

Glorious Mixture. Contains tall and dwarf types in all of the above colors and many others.

1/2 trade pkt. (500 seeds) \$2.25;
tr. pkt. (1000 seeds) \$4.00; 1/128 oz. \$7.50;
1/64 oz. \$14.50; 1/32 oz. \$28.00.

NOTE.—It is important not to discard the small seedlings, as these usually produce the best double flowers.

Double Mixtures

CANADIAN GIANTS ALDOUBLE MIXTURE. Original Strain. Very popular and improved pot plant strain containing a choice blending of pink, rose, and salmon shades.
1/2 tr. pkt. \$2.00; tr. pkt. \$3.50; 1/128 oz. \$6.65; 1/64 oz. \$12.60.

1/2 trade Trade 1/64
pkt. pkt. oz.

ALDOUBLE AMERICA. Originator's Stock.

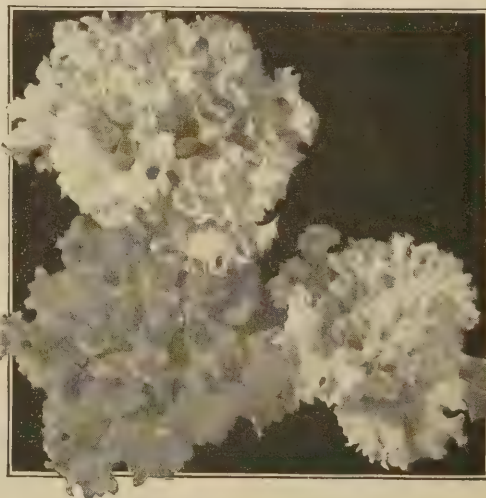
All-America Silver Medal Winner. Produces rose-pink flowers of medium size—2 inches or more across. Very early flowering. 1/32 oz. \$14.00. \$1.50 \$2.50 \$7.50

MICHELL'S DOUBLE FRINGED, MIXED. Superbly colored flowers of mammoth size. 500 seeds \$1.00; 1000 seeds \$2.00. Splendid strain producing an average of 60 to 70 per cent doubles.

NOTICE: Double Petunias are a highly bred type, and the seed is not as vigorous in growth as that of single strains. Seed of all our Double Petunias has been carefully tested in soil, and the germination has been found to average 70 to 80 per cent. For this reason, and because of its high cost, we cannot entertain claims on non-germination of this breed, or requests for replacements. If carefully handled we know the seed will grow.



PETUNIA, Sonata



PETUNIA, All Double Dwarf Victorious

Michell's Giant Ruffled Petunias



PETUNIA, California Giants

VEINED THROATS

The largest among Petunias, heavily ruffled, with wide, shallow throats and rich markings. All have heavy, robust growth and are excellent for florists and garden use.

RUFFLED NANA COMPACTA PINK FRILLS

A nicely ruffled type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades. Free flowering and borne on compact well-rounded plants. Excellent for pots, borders and bedding.

Tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50

ROBIN

While this variety has been bred for use as a pot plant, it has equal value as a bedding or border plant. The medium size, ruffled flowers are borne on dwarf, compact plants. The color is a rich bright rose with white throat.

1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/64 oz. \$2.50; 1/32 oz. \$4.50.

DWARF CALIFORNIA GIANTS. Ramona Strain. A fine, new, dwarf, compact strain of the well-known California Giants. Excellent for pots.

1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/64 oz. \$2.00;
1/32 oz. \$3.25; 1/16 oz. \$5.75.

4 Excellent New Petunias EXTRA DWARF FRINGED

These are new Pan-American introductions and are a splendid improvement over the original dwarf fringed type. This strain is very free flowering, dwarf habit. Excellent for pots or bedding.

BALLERINA. All-America Winner. This single Hybrid Petunia is a very dwarf compact type, with beautifully fringed glowing salmon flowers. An excellent variety for bedding or pot plants.

1/2 tr. pkt. \$1.50; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00.

CARMENCITA. Dwarf Erfurt type. Deep scarlet-salmon, a striking color. Surpasses in brilliance anything yet seen with the possible exception of Tango. Perfect for pot plants.

1/2 tr. pkt. 85c; trade pkt. \$1.50; 1/64 oz. \$3.50; 1/32 oz. \$6.00.

LA PALOMA. Well-fringed flowers, 100% large flowering pure white with yellow throat. Very uniform and vigorous grower.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00.

TANGO. Bright, deep scarlet-salmon—the brightest color in Petunias. Actually deeper in color than Carmencita, also larger flowered and although not quite so dwarf, still dwarf enough for pot plants.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00.

MICHELL'S DAZZLER. The brightest color in Petunias—orange and rosy scarlet tones, plain and semi-ruffled, golden and white-throated large flowers. Plants dwarf, compact habit, fine for bedding and for pots.

1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/64 oz. \$1.75; 1/32 oz. \$3.25.

GARDEN GIANTS. Giants of California Type. The plants uniformly develop into well-rounded mounds 12 to 15 inches high, choice mixed.

1/2 trade pkt. 60c; trade pkt. \$1.00; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

MICHELL'S GAY LADY. Plants very compact and erect, 8 to 10 inches tall, forming a compact mat of color. Flowers medium sized, well fringed and ruffled, borne in profusion. The color range is pink and white to red and white.

1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

	1/2 trade pkt.	Trade pkt.	1/64 oz.
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Glamour. A luscious shade of salmon-rose in the Giant Ruffled Petunia type. . . . 1/32 oz. \$4.00. \$0.60 \$1.00 \$2.25

RUFFLED GRANDIFLORA NANA COMPACTA, MIXED. New ruffled Petunia. Blooms will measure about 4 inches in diameter. Highly recommended for pot-culture. . . . 1/32 oz. \$2.50.50 1.50

Martha Washington. A ruffled or frilled, dwarf, compact type. Color blush-white with center veined wine-red, deepening at base of throat. . . . 1/16 oz. \$2.00.50

MICHELL'S GIANT RUFFLED MONSTERS.

Superb mixture. 1/32 oz. \$3.50.60 1.00 2.00

	Trade pkt.	1/64 oz.	1/32 oz.
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California Giants. Strong plants, immense flowers of bright and desirable colors \$0.75 \$1.50 \$2.75

	1/2 trade pkt.	Trade pkt.	1/64 oz.
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Giants of California, Bodger's Supreme Florists' Strain.

The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. Flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding and window boxes. \$0.60 \$1.00 \$1.75

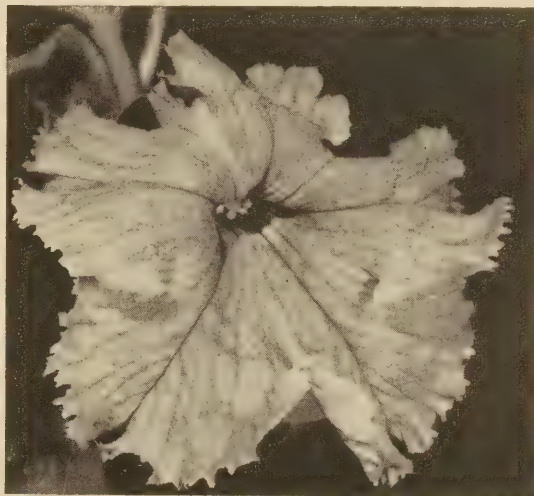
MICHELL'S ROSALIND.

The flowers of this new strain are very large and ruffled, in a brilliant rose shade. 1/32 oz. \$4.00.75 1.25 2.25

MICHELL'S VICTORY GIANTS

Extra-dwarf super giant Petunia. Large deep-throated fluted flower averaging up to 7 inches across. Plant habit very bushy and free flowering. Color-range of light and dark shades.

1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.00.



PETUNIA, Carmencita

Michell's SINGLE FRINGED and PLAIN EDGE PETUNIAS



PETUNIA, Snowstorm

SINGLE LARGE-FLOWERED PLAIN-EDGED

Free flowering. 12-16 inch plants. Some varieties spreading, others compact. Plain edged flowers of heavy substance and velvety texture. Prime favorites for the florist.

Popcorn, SUPER DWARF GRANDIFLORA

Has all the fine qualities of Snowstorm and in addition a really super-dwarf habit. The flowers are pure glistening white same size as Snowstorm and are carried on low-growing upright plants. Ideal for pots and home gardens.

1/2 tr. pkt. 85c; tr. pkt. \$1.50; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.00.

1/2 trade Trade 1/64
pkt. pkt. oz.

Dwarf Elk's Pride. A really dwarf type of this popular Petunia. The plants are of upright habit, free flowering and the color the well-known royal purple. 1/32 oz. \$3.25; 1/16 oz. \$5.25. .60 1.00 1.85

Purple Prince. A fine velvety purple, large-flowering variety. 1/32 oz. \$2.00; 1/16 oz. \$3.50. .75

Snowstorm. A fine, large-flowering, plain-edged, pure white variety. Very free flowering. 1/32 oz. \$3.25; 1/16 oz. \$5.25. .60 1.00 1.85

White Cloud. Dwarf; compact; pure white. 1/32 oz. \$3.25; 1/16 oz. \$5.25. .75 1.85

White Queen (Ruffled Grandiflora). Dwarf compact habit, large pure white ruffled flowers. Fine pot-plant variety. 1/32 oz. \$3.25; 1/16 oz. \$5.25. .60 1.00 1.85

COMANCHE

All-America Selection Bronze Medal Winner

This single F₁ Hybrid is the deepest red ever offered. The flowers are 2½ to 3 inches across, very free blooming, and a fast grower. The plants are dwarf and compact. A best for bedding. A brilliant border. Colorful in pots. Judged by experts to be superior to any other variety in its color class. The most brilliant Petunia ever bred.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.00; 1/128 oz. \$4.00; 1/64 oz. \$7.25; 1/32 oz. \$13.00.

LINDA

This is an F₁ Hybrid. Its color is a clear light salmon with high sheen. Extremely free-flowering with blooms 2½-3 inches across. Very uniform, dwarf, compact habit. Height 15-18 inches with a spread of 24-30 inches. This is an excellent variety and should prove very popular with the florists. 1/2 tr. pkt. \$1.25; tr. pkt. \$2.00; 1/128 oz. \$4.00; 1/64 oz. \$7.25; 1/32 oz. \$13.00.

BALCONY VARIETIES

A fine large-flowering free-blooming type, suitable for vases, window or porch boxes, also valuable for bedding.

NEW ROYAL ROSE. Huge flowers are true rose shade. Free flowering and uniform growth.

Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.00.

Blue. Rich indigo-blue.

Rose. Brilliant rose-pink.

Cornflower-Blue. Bright blue.

White. Pure white.

Crimson. Velvety crimson.

Mixed Colors.

Each of the above: Tr. pkt. 40c; 1/8 oz. 85c; 1/4 oz. \$1.50.

LARGE SINGLE FRINGED

Strong, free-flowering, 12-16 inch plants. Some varieties spreading, others compact. Large ruffled and fringed flowers excellent for florists, pot plants, and general garden use.

FLAME

A true scarlet, Giant Single Fringed, the first of its class in this color. Grows 18 inches high and the flowers are 3 inches across and very free flowering. Ideal for bedding.

1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.50.

1/2 trade Trade 1/64
pkt. pkt. oz.

FRINGED SNOWSTORM. New. Plants are of compact form. The flowers are glistening white with a slight tinge of yellow in throat, and are deeply fringed. An excellent variety for bedding or pots. 1/32 oz. \$3.50. \$0.60 1.00 2.00

Super Fluffy Ruffles. (Michell.) A splendid strain with beautifully ruffled and fringed flowers. A blending of rose and salmon shades. 1/32 oz. \$4.50. .60 1.00 2.50

Michell's Giant Fringed Mixed. Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors. 1/32 oz. \$2.50; 1/16 oz. \$4.00. .60 1.00 1.50

Lace Veil. Dwarf, pure white, beautifully fringed. Popular florist variety. 1/32 oz. \$3.00. .75 1.75

Setting Sun. An especially fine dwarf variety of compact habit, a foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed. 1/32 oz. \$3.00. .75 1.75

Theodosia. Michell's Improved Strain. A superior selection having large, brilliant rose-pink flowers, with full open throats, fine for pots. 1/32 oz. \$3.00. .60 1.00 1.75

White Mound. This plant makes a perfect oval or mound, completely covered with fringed white flowers of medium size. An excellent pot plant or for cemetery planting. 1/32 oz. \$3.00. .75 1.75



PETUNIA, Super Fluffy Ruffles

Michell's NANA COMPACTA and HYBRIDA PETUNIAS



PETUNIA, Michell's Celestial Rose Improved

HYBRIDA NANA COMPACTA

Dwarf, compact, free-flowering. 12-16 inches. Plants bearing many medium sized, plain edged, single flowers. Fine for beds and borders.

ADMIRAL IMPROVED. A superior selected strain. The flowers are a rich violet-blue, slightly waved, 100% true to type and color. Tr. pkt. 75c; 1/64 oz. \$1.60; 1/32 oz. \$3.00; 1/16 oz. \$5.25; 1/8 oz. \$9.50.

BRIGHT EYES. Think of Rosy Morn and then picture Bright Eyes as a dwarf, more compact plant with the same gay flowers, although smaller. Tr. pkt. 50c; 1/8 oz. \$1.10; 1/4 oz. \$2.00; oz. \$7.00.

CELESTIAL ROSE, MICHELL'S IMPROVED STRAIN. This is an extra-selected strain, far superior to the regular sort. The growth is uniform. Free flowering and comes practically 100% true. Tr. pkt. 1.00; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$12.00.

CHEERFUL. Flowers are clear salmon-pink, 2 3/4 inches and more across. Tr. pkt. 75c; 1/8 oz. \$3.50; 1/4 oz. \$6.00.

Cream Star. Flowers are shaped like five-pointed stars. Each flower is dainty white marked with a cream-colored star. Tr. pkt. 50c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.00.

ELK'S STAR. A dwarf free-flowering single Petunia of exceptional merit. The flowers are a deep velvety crimson with a white star, very uniform in habit and quite true in color. Tr. pkt. 75c; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.00.

ENGLISH VIOLET. A most pleasing shade of violet-blue. Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00.

FIRE CHIEF. All-America Gold Medal Winner. A dwarf, compact growing, bedding Petunia. It is a bright scarlet-red, a color lacking in this class until now. Tr. pkt. 50c; 1/16 oz. \$1.50; 1/8 oz. \$2.25; 1/4 oz. \$4.00; oz. \$15.00.

GLOW. An excellent strain with medium-sized single flowers of a very intense glowing carmine-rose, measuring 2 1/4 inches across. Tr. pkt. 50c; 1/16 oz. \$1.25; 1/8 oz. \$2.00; 1/4 oz. \$3.75; oz. \$13.50.

IGLOO. This extra-compact white Petunia produces flowers of medium size, pure white, with a slight yellow throat, and coming 100% true. Tr. pkt. 50c; 1/8 oz. \$1.15; 1/4 oz. \$2.00.

King Henry. A large flower of blood-red color. Free flowering; of dwarf, compact habit. Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25.

SILVER MEDAL. Flowers 3 inches across. When first open they are a lustrous salmon-cerise with orange undertone gradually changing to rich salmon. Tr. pkt. \$1.25; 1/64 oz. \$4.50; 1/32 oz. \$8.00.

TWINKLES. Bright rose with star. Tr. pkt. 50c; 1/4 oz. \$1.75.

Velvet Ball, Hybrida (Dwarf Flaming Velvet). The plants are about 8 inches with a spread of only 8 to 10 inches, have a dozen or more flowers in bloom at a time, 2 1/2 inches in diameter, well shaped, and of a deep velvety blood-red. Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.50; 1/8 oz. \$4.75.

DWARF SINGLE LARGE-FLOWERING

The following 3 varieties are large-flowered, plain-edged, dwarf types. Compact in habit, free flowering, excellent subjects for pots or bedding.

	Trade	1/32	1/16
	pkt.	oz.	oz.
Rose Queen. Brilliant rose-pink	\$0.50	\$1.25	\$2.25
Ruby Queen. Clear ruby-red	.50	1.25	2.25
Violet Queen. A true bright violet color which will not fade.	.50	1.25	2.25

STANDARD SINGLE HYBRIDA

Free-flowering 18-24 inch plants. Medium size, plain edged, single flowered. Very popular for garden use.

Bluebird. Medium-sized flowers, deep blue. Tr. pkt. 50c; 1/4 oz. 90c; oz. \$3.00.

Celestial Rose. Deep rose. Compact. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.50.

Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn. Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Flaming Velvet. Brilliant, velvety blood-red. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00.

General Dodds. Rich velvety blood-red. Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.25.

Howard's Star, Improved. Crimson-maroon flowers, each having a distinct 5-pointed white star. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.50.

Periwinkle Blue. Delightful shade of pastel blue. Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.

Rosy Morn. Dwarf, bushy plants, with brilliant rose-colored flowers having white throats. Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.

Rosy Morn Improved. A decided improvement on this popular variety. Flowers brighter in color and considerably larger. Tr. pkt. 75c; 1/4 oz. \$1.25; oz. \$4.50.

Rose of Heaven. Brilliant rose. Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.

Salmon Supreme. A distinct color. Clear salmon-pink. Tr. pkt. 50c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.00.

Snowball, Improved. Dwarf. Pure white. Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Topaz Rose. A fiery, velvety rose, slightly suffused with gold. Tr. pkt. 40c; 1/4 oz. \$1.00; oz. \$3.50.

Violacea. Deep violet. Erect dwarf type. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00.

WHITE PERFECTION. All-America Award. The individual flowers measure about 2 inches across. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.50.

Choice Mixed Tr. pkt. 25c; 1/4 oz. 75c; oz. \$2.50.



PETUNIA, Rose of Heaven

Michell's

Giant Pansies



MICHELL'S NEW SWISS RUFFLED

The following list comprises the best of the new European creations and the popular American varieties.

Michell's New Swiss Ruffled Pastel Shades Mixed

Here is a delightful new strain of Pansies. The flowers are large and beautifully ruffled. This strain is a mixture of lovely pastel shades not seen in Pansies.

Plants are compact in growth, also very free flowering. This Pansy should be in everybody's garden.

Tr. pkt. 75c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$12.50.

America. A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00.

Dwarf Swiss Giants, Choice Mixed (Roggli). More compact and dwarf than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors.

Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00.

ENGELMANN'S GIANT SPECIAL STRAIN. In Originator's packets. This is imported stock and really is a fine Pansy. This can be supplied in the following quantities only:

1/8 oz. \$2.75; 1/4 oz. \$5.00; 1/2 oz. \$9.00; oz. \$16.00.

Available only in original packets in quantities as noted above.

Engelmann's Mixture. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Tr. pkt. 75c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$12.00.

PANSY, Felix. Uniformly true to type, with ruffled flowers of good size carried on fairly dwarf plants. Colors are rich and unusual—including purple, apricot and wine shades together with pastel bronzes and smoky tones difficult to describe. Each flower is marked with the dark "whiskers" characteristic of this strain and the overall effect is very striking.

Tr. pkt. \$1.25; 1/8 oz. \$3.00; 1/4 oz. \$5.50; oz. \$16.00.

Maple Leaf Giants. A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types.

Tr. pkt. 75c; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$10.00.

Michell's Giant Climbing. This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades.

Trade pkt. \$1.00; 1/8 oz. \$2.50; 1/4 oz. \$4.75.

Michell's New Swiss Giants. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched.

Trade pkt. \$1.00; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$10.00.

New Giant Pansy, Michell's Springtime. We are pleased to offer this fine new early-flowering Giant Pansy with blooms measuring 3 1/2 to 4 inches across, and coming in a superior mixture of light colors so popular in the spring garden. The plants are dwarf.

Trade pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00.

Pay Dirt Jumbo. New. Largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Fine dwarf habit and resistant to heat.

Trade pkt. \$1.00; 1/8 oz. \$4.50; 1/4 oz. \$8.00; oz. \$28.00.

Jumbo Mixture. Grown from Originator's Stock. Extra-large, long-stemmed flowers, very early, in a choice mixture of colors.

Tr. pkt. \$1.00; 1/8 oz. \$3.00; 1/4 oz. \$5.00; oz. \$18.00.

Trimardeau, Choice Mixed. Medium-sized flowers, excellent for bedding.

Trade pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00.

SWISS GIANTS, SEPARATE SORTS

Alpenglow. A fine range of cardinal-red shades.

Berna. Very rich, velvety purple-violet.

Coronation Gold. Round canary-yellow flowers with lower petals flushed golden orange, measuring as much as 3 inches across, with slightly ruffled edges.

Lake of Thun (Ullswater). Marine-blue with deep blue blotches.

Luna. Soft sulphur-yellow; frilled edges.

Pure White. The best giant pure white.

Rheingold. Deep golden yellow with black blotches on the three lower petals.

Each of the above, trade pkt. 75c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$11.00.

IMPROVED SWISS GIANTS MIXTURE

Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.

Trade pkt. 60c; 1/8 oz. \$1.30; 1/4 oz. \$2.25; oz. \$8.00.

Michell's Giant Exhibition, Mixed. A giant strain of heavy texture and varied shades and colors.

Trade pkt. 75c; 1/8 oz. \$1.75; 1/4 oz. \$2.75; oz. \$10.00.



PANSY, Swiss Giants Improved



PHLOX DRUMMONDI, Michell's Radiant Mixed

PHLOX DRUMMONDI

MICHELL'S RADIANT MIXED

Three years ago we introduced Dwarf Beauty and it proved to be outstanding, but our plant breeders continued to work on a new strain, and finally after years of single plant selections we have what we consider the outstanding dwarf Phlox ever offered. The plants are more compact than any other strain and the flowers are larger with more distinct eyes and the color range is unbelievable, every conceivable color in this popular flower is in this mixture. This strain is so free flowering that the entire plant is covered with blooms so numerous that the foliage is completely hidden. Especially recommended for pots. Grows 6 to 8 inches high.

Tr. pkt. 75c; 1/4 oz. \$2.00; oz. \$7.00.

MICHELL'S DWARF BEAUTY, MIXED

This fine strain of large-flowering dwarf Phlox is especially recommended for pot culture. The individual florets are large and this strain comes in a very fine mixture, including shades of light and dark blue. Very free blooming.

Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

GRANDIFLORA GIGANTEA, ART SHADES

Flowers 1 1/4 to 1 1/2 inches in diameter. In addition to its enormous flowers, it has a most wonderful range of color in soft art shades. Plants about 9 inches high. Choice mixture only.

Trade pkt. 30c; 1/4 oz. \$1.00; oz. \$3.00.

DWARF or COMPACT VARIETIES

Choice Mixture. Large flowered.

Trade pkt. 40c; 1/4 oz. \$1.00; oz. \$3.00.

CECILY, EXTRA DWARF LARGE-FLOWERED

Choice Mixture.

Trade pkt. 40c; 1/4 oz. \$1.00; oz. \$3.00.

CUSPIDATA (Star of Quedlinburg). Extra-fine, star-flowered mixture. Trade pkt. 30c; 1/4 oz. 60c; oz. \$2.00.

GRANDIFLORA, TALL

Choicest Mixed.

Trade pkt. 30c; 1/4 oz. 80c; oz. \$2.40.

POPPY - Papaver SINGLE EARLY VARIETIES

	Trade pkt.	Oz.
NORMANDY. Large single flowers of a brilliant orange-scarlet	\$0.25	\$0.75
Flanders. Bright scarlet	.25	.75
Shirley, Mixed. Large flowers	1/4 lb. \$2.00	.25 .75

DOUBLE ANNUAL VARIETY

Improved Shirley, May Queen. An improved strain with large double flowers. Mixed colors. 1/4 lb. \$2.50. .25 .75

PORTULACA

Produces 80% double flowers.

	Trade pkt.	1/4 oz.	Oz.
Double Flowering Mixed	\$0.30	\$1.00	\$3.50
Single Flowering Mixed Colors	.25	.75	2.50
Single Jewel. Flowers four times as large as the regular single varieties and of very unusual beauty. Color a brilliant deep rose-crimson.	1/4 oz. \$1.00	.50	1.75

PRIMULAS MALACOIDES

Trade pkt.

Dawkin's Carmine-Pink. Rich glowing carmine-pink; flowers large	\$1.00
Lilac. Improved Baby Primrose	1.00
Pink Beauty. Deep rosy pink flower	1.00
Snow Queen. Single; white	1.00

GIANT OBCONICAS

Wyaston Wonder. This type of *Primula obconica*, Wyaston Wonder, produces flowers of truly immense size. It is by far the largest-flowered variety in existence. The general growth of the plant is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage.

1/2 trade pkt. 75c; trade pkt. \$1.25; 1/64 oz. \$3.00.

Fasbender. Very compact, with enormous deep crimson blooms.

Mohnstein Kermesina. Crimson.

Mueller. (Berlin.) Bright rose.

Mueller and Mohnstein, Mixed. Shades of pink and red.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.25.

OBCONICA, SUPER-GIANT STRAINS

Giant Blood Red. Dark blood-red shade.

Giant Crimson. Enormous size truss; crimson color.

Giant Rose Queen. Brilliant rose-pink.

Giant White. Pure white.

Giant Choice Mixed. A mixture of the above and other colors.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.25.

FRINGED CHINESE VARIETY

Michell's Prize Mixture. This mixture contains only the very finest sorts. Trade pkt. \$1.25; 1/32 oz. \$3.00.



PRIMULA Obconica

PYRETHRUM

	Trade pkt.	Oz.
Aureum. Golden Feather. Golden yellow foliage. For bedding	\$0.25	\$1.50

RICINUS COMMUNIS - Castor Oil Bean

Very effective plants on the lawn as centerpieces in beds of flowers such as Cannas, etc.

Sanguineus. Blood-red stalks. 8 ft.

Zanzibarensis. Large. Various colors. 12 ft.

Mixed. All sorts.

Each of the above, oz. 30c; 1/4 lb. 90c; lb. \$2.50.

RUDBECKIA - Coneflower

Kelvedon Star. The perfect, long-stemmed flowers are fine for cutting. Colors vary, but all have brown central discs surrounded by a mahogany zone on petals of deep orange. 3 ft.

Trade pkt., 30c; oz. \$2.00



SALVIA, St. John's Fire

SALVIA - Flowering Sage

NOTE. Sow late in February. A larger percentage of Salvia seed will germinate if sown after February 1 with plenty of bottom heat.

	Tr. pkt.	1/4 oz.	Oz.
St. John's Fire. Blooms very early but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth and very uniform habit.		1/2 oz. \$1.60..	\$1.00 \$2.75 \$9.00

America (Globe of Fire). Of dwarf, bushy, compact growth, about 1 1/2 feet high, uniform in height and shape. ....	.60	2.00	6.00
Bonfire (Clara Bedman). Medium dwarf; compact growth. ....	.60	1.75	5.00
Early Harbinger. Very free flowering scarlet variety. Height 16 inches. ....	.85	2.00	6.50
Splendens. The old-fashioned tall variety with bright scarlet flowers. ....	.50	1.40	4.50

BLUE VARIETIES

The following varieties, while perennials, are best treated as annuals, and will flower very profusely during the summer months from seed sown in the spring.

	Trade pkt.	Oz.
Farinacea. Best grown as an annual. Light blue.	\$0.50	\$3.00
Blue Bedder. A variety of Farinacea. Deep blue shade. Flowers from seed first year.	1/4 oz. \$1.25..	.50 4.00
Royal Blue. An improved strain of Farinacea. Deep blue flowers. We highly recommend this new blue Salvia.	1/4 oz. \$1.25..	.50 4.50

SCABIOSA - Mourning Bride

TALL DOUBLE ANNUAL

30 to 36 inches

- Black Knight.** Extra large deep reddish black.
- Blue Moon.** Deep lavender-blue.
- Loveliness.** Large salmon-rose shades.
- Orchid Shades.**
- Peach Blossom.** Attractive light rose.
- Salmon Beauty.** Pure salmon.
- Shasta Improved.** Enormous pure white.
- Imperial Giants Mixed.**

Each of the above: Tr. pkt. 30c; 1/4 oz. 50c; oz. \$1.75.

Giant Flowering Hybrids Mixed. Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.50.

DWARF DOUBLE ANNUAL

18 inches

- Peace.** Pure white.
 - Salmon-Pink Shades.** Pure salmon-pink to deep rose-salmon.
- Above two: Tr. pkt. 30c; 1/4 oz. 60c; oz. \$2.00.

SALPIGLOSSIS - Painted Tongue

Easily grown and useful summer-flowering annuals; also suitable for greenhouse forcing. Very showy flowers, excellent for cutting.

	Trade pkt.	Oz.
Emperor, Mixed. Choice selection of large-flowering sorts.	\$0.25	\$1.00

SCHIZANTHUS - Butterfly Flower

	Trade pkt.	Oz.
Canada Giants. An extra-select, large-flowered, compact greenhouse strain in splendid mixture. 1/16 oz.	\$2.50..	\$1.00
Dwarf Large-flowering. A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades.	1/8 oz. \$1.00..	.50
Garraway's Hybrids. A beautiful greenhouse strain, containing a wide range of color.	1/4 oz. \$1.00..	.50 3.50
Giant Pansy-flowered. Large pansy-flowered blooms in a wide range of rich colors. Excellent for cutting.	1/8 oz. \$1.00..	.50
Wisetonensis. Various colors. Fine for pots.	1/4 oz. \$1.25	.40 4.00

SHAMROCK

Shamrock seed should be sown January 1 for 2-inch plants for St. Patrick's Day. Use 3 or 4 seedlings to a pot and grow in a carnation-house temperature.

	Trade pkt.	Oz.
True Irish	1/4 lb. \$4.00; lb. \$14.00..	\$0.25 \$1.25

SOLANUM

	Trade pkt.	Oz.
Cleveland Cherry. Grows compact and produces scarlet berries in great profusion.	1/4 oz. \$1.50..	\$0.50 \$5.00

STATICE - Everlasting Flower

Free-flowering, valuable for cutting or decoration, either when fresh or in their dried state.

Annual Varieties

New Statice Sinuata, Heavenly Blue. A bright clear sky-blue the color of Heavenly Blue Morning Glory. Sure to be popular, this new color provides a welcome relief from the standard prevailing Statice colors of lavender and dark blue.

Tr. pkt. 25c; oz. 75c; 1/4 lb. \$2.50; lb. \$8.50.

Market-Grower's Blue.

Kampf's Tall Improved. Deepest blue. Early flowering.

Sinuata, True Blue.

Lavender.	White.
Pastel Shades Mixed.	Yellow (S. Bonduelli).
Rosea superba.	Mixed.

Each of the above: Tr. pkt. 20c; oz. 75c; 1/4 lb. \$2.25; lb. \$7.50.

STREPTOCARPUS

"Wiesmoor" Hybrids

Result of 20 years breeding. The formula mixture contains 18 distinct colors and bicolors, veined and blotched designs. Very free blooming. Seedlings of 6 to 8 months produce 15 to 25 wiry stems at a time, each bearing several flowers (many fours). Flowers very large, most daintily fringed and waved.

This excellent new-Streptocarpus requires a temperature of 55 to 60 degrees to develop excellent pot plants, also most attractive Orchid-like cut flowers.

Originator importers trade pkts. \$1.75; 3 pkts. \$4.75.

SWEET WILLIAM

Annual Single, Mixed

TRYSONIC GIANT IMPERIAL BRANCHING TYPE

New. This is the first Trysomic Stock ever offered. Based on studies commenced by Dr. H. B. Frost at Cornell University in 1915 and furthered through the 20's, the genetic theory of Trysomic doubles in Stocks was developed and proved by 1930 to be capable of producing 85% doubleness from seed.

The Trysomic Stock offered produces 85% or more double flowering plants when sown from seed. In addition to this desirable trait, the percentage of any planting can be increased up to 100% at the four-leaf seedling stage as at this period of growth the young singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

Bright Rose	Lilac-Lavender
Fiery Red	Salmon-Pink
White	Azure-Blue
Choice Mixed	

Each of the above: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75;
1/8 oz. \$2.75; 1/4 oz. \$5.00; oz. \$18.00.

Giant Column, Non-Branching

This type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together.

LAVENDER, BLUE and PURPLE

Silver Lilac. (Ball No. 1.) Lilac-lavender.

Ball Blue No. 3. Rich dark lilac-blue.

Purple Heart No. 21. New brilliant violet-purple; large flowering, and long stemmed.

PINK, ROSE and RED

Pacific Pink. New. A distinct new break in this Stock. This is the first pure true pink Stock developed. Extremely fine under artificial light. Vigorous spikes possess well-spaced flowers. This is a definite "must" for the florist trade.
1/2 tr. pkt. \$1.00;
tr. pkt. \$1.75; 1/8 oz. \$2.75; 1/4 oz. \$6.00; oz. \$18.00.

American Beauty. Rich deep American Beauty or carmine-rose.

Ball Pink No. 11. Fine clear rose-pink.

Ball Rose-Pink No. 14. Deeper than No. 11. Strong grower.

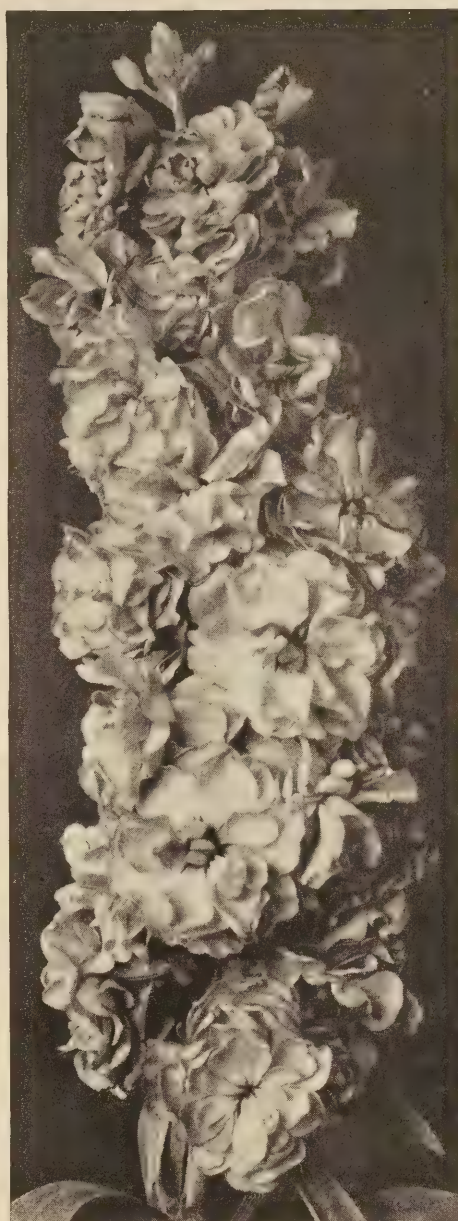
Ball Supreme No. 22. Fine heavy spikes of rich silvery rose.

Chamois Pink. (Ball No. 9.) Chamois-pink.

Illusion. (Ball Ruby.) Scarlet-red.

Malmaison Pink Improved. Long spikes of soft shell-pink.

Rose-Pink. (Michell.) Brilliant rose-pink.



STOCK, Column—Non-Branching

WHITE

White Giant. A new and outstanding white non-branching Stock a week to ten days earlier. The extra large florets are a pure glistening white on a tremendous flower spike.

Avalanche is definitely the earliest of all White Column Stocks. The flower spike is particularly long and massive with very double individual florets.

Ball White No. 2. Long-stemmed white, slight pink blush.

Ball White No. 16. Pure white, semi-tall, compact grower.

Gardenia. Shimmering glistening white.

MISCELLANEOUS VARIETIES

Ball Apricot No. 20. A strong-growing buff with a faint pink tinge.

Yellow Wonder (Gold Standard). The color is rich creamy yellow.

Florist Mixture.

Each of the above (except where noted): 1/2 tr. pkt. 75c; tr. pkt. \$1.25;
1/4 oz. \$2.75; oz. \$10.00.



Distinctive Stocks

GIANTS OF CALIFORNIA

Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of Column Stock, approximately 2½ to 3 feet.

Golden Gate. Clear golden yellow.

Mojave. A rich velvety purple.

Monterey. Bright pink.

Pacific. Light blue.

Redwoods. Blood-red.

Each of the above: ½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.40; oz. \$4.75.

Santa Barbara. Chamois.

Santa Maria. Pure white.

Tahoe. Lavender.

Yosemite. Rose.

Splendid Mixture.

EARLY GIANT IMPROVED BISMARCK

An especially good class of branching habit. Very early bloomer producing a very high percentage of doubles. Suitable for greenhouse culture or growing out-of-doors. Height 2½ ft.

Apple Blossom. Blush-pink.

Buttercup. A deeper shade than canary-yellow.

Canary-Yellow (Golden Ball).

Chamois. Ivory, tinted old-rose.

Dark Blue. New shade.

Elk's Pride. Intense royal purple.

Fiery Blood-Red. Extra fine.

Lavender.

Lilac.

Rose-Pink.

White.

Mixed Colors.

Each of the above: ½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

LARGE-FLOWERING DWARF TEN WEEKS

For bedding there is nothing more effective. Dwarf, compact plants with fine spikes and producing a large percentage of double flowers.

Blood-Red.

Pink.

Yellow.

Dark Blue.

White.

Mixed.

Light Blue.

Each of the above: ½ tr. pkt. 25c; tr. pkt. 40c; oz. \$2.00.

EARLY-FLOWERING "NICE"

Choice Mixed. All colors.

½ trade pkt. 30c; trade pkt. 50c; oz. \$2.25.

Sweet Peas

Zvolanek's Multi-Flowered

This is definitely the newest thing in greenhouse Sweet Peas. This type is unusually free-flowering and the exceptional stem length carries five to six flowers instead of the usual three and four. Sweet Pea growers can readily appreciate what this will mean in better market returns over a period of a few weeks of picking. We strongly recommend them where long stems and premium quality are wanted.

ORANGE CERISE. Large flowered brilliant orange.

ROSE. Extra large medium rose flowers with many 5's on extra long, heavy stems. Vigorous growth.

MIXED.

Prices above varieties, each: ½ oz. \$1.75; 1 oz. \$3.00; 4 ozs. \$10.50; 1 lb. \$30.00.

SALMON-PINK. Large, medium rose-pink flowers with salmon cast. 4's and 5's. Stems are extra long, but not as heavy as the above varieties.

WHIRLWIND. Probably the finest of the new Multi-flowered type. Extra large, light rose flowers are borne in 5's and 6's on extremely heavy 14- to 16-inch stems. Growth is very vigorous and strong.

WHITE. Pure white. Many 5's on long, strong stems. Very promising. Available in August.

Winter-Flowering Giant Spencer

LAVENDER AND BLUE

Ball Blue Supreme. Much larger flowered than Mrs. Hoover. A long-stemmed, heavy producer.

Bluebird. A charming shade of blue.

Eleanor Blue. Light blue with silvery sheen.

Fragrance. A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.

Harmony. A beautiful clear lavender.

Michigan. Giant clear lavender.

Mrs. Herbert Hoover. Flowers are clear blue; long stems.

Princess Blue. The largest flowered, light lavender-blue; early-flowering.

Top Hat. Deep bright violet.

Triumph. A beautiful clear shade of soft lilac-mauve, without a tinge of purple or blue.

Twilight. Good, long-stemmed, large flowering, lavender variety.

ORANGE AND RED

Bacchus. Large flowered rich red-maroon.

Ball Orange Improved. Deep glowing orange.

Fiesta. Finest orange-red early Sweet Pea.

Forest Fire. (Michell.) Giant, bright orange-scarlet, duplexed flowers that will not burn. Good strong stems.

Gorgeous. (Michell.) A glistening golden cerise brightening to a carmine. The magnificent, large, duplexed flowers are produced in fours and fives on long, stiff stems.

Grenadier. Dazzling scarlet.

Kate Smith. Giant-flowered, long-stemmed scarlet suffused rose. Truly a magnificent variety.

Sparks. Large-flowered variety with a broad yet daintily frilled standard. Intense, sparkling, bright orange-scarlet.

Sutter's Gold. The color is dazzling orange-scarlet, luminous at night under artificial light.

Top Sergeant. (Michell.) A deep blood-red crimson. Large, bold-faced flowers with extra-strong stems.

Treasure Island. Sparkling golden orange; flowers are huge.

PINK, ROSE AND SALMON

Ball Rose Improved. Sparkling deep rose.

Boon. Deep salmon-pink on light cream.

Bridesmaid. Sparkling silver-pink. Large flowers usually in fours on 14- to 16-inch stems.

Coquette. Coral-pink with amber and salmon shadings on duplexed flowers. Vigorous growth; huge flowers on long stems.

Eileen. Begonia-rose, with salmon shadings.

Giant Rose. Rose color. Extra-fine variety.

Jeanne Mamitsch. Flowers large, on long stems; a beautiful shade of rose-pink.

Josie. Rich, clear rose-pink; very large.

Laddie Improved. Giant bright rose on long stems.

Lady Luck. (Michell.) Vivid carmine-rose, suffused with purple; large perfectly formed flowers. Heavy producer on long, stout stems.

Majestic Rose. Deep brilliant rose-pink.

Miss Annie Laurie. The richest tone of pure rose-pink ever introduced in a Sweet Pea.

Mother Machree. Semi-duplexed flowers of coral-rose.

Nugget. New. The color is a soft coral-rose, with tints of gold. An ideal show variety.

Sequoia. Enormous, rich golden cerise.

Shirley Temple. Brilliant rose-pink; four large blooms on each stem.

Tops. This beautifully duplexed Sweet Pea is a delicate rose-pink color, with a soft salmon sheen.

WHITE

Gardenia. A dense paper-white having large, ruffled flowers with good substance for shipping.

Hope. The finest black seeded pure white.

White Champion. Long-stemmed; pure white. White seeded.

White Harmony. A black-seeded variety. Flowers large, pure white.

Any of the Winter-Flowering Giant Spencers: ½ oz. 35c; oz. 65c; ¼ lb. \$1.65; lb. \$6.00.

Michell's Winter-Flowering Spencer, Mixed. From named sorts. Oz. 45c; ¼ lb. \$1.35; lb. \$4.50.

PLEASE NOTE. The pound rate will apply only where ½ pound or more of a variety is ordered.

MICHELL'S SPRING and SUMMER FLOWERING SWEET PEAS



Spring-Flowering, Cuthbertson Strain

For greenhouse sowing between October and February, this new strain is superior to the early or winter class. While the stronger growth makes them a week or ten days later flowering, they are generally longer stemmed and last longer into the spring than the weaker-growing earlies. They are also excellent for outdoor planting, being very resistant to hot weather. Seed sown this past spring in early March produced plants that remained in good bloom until the middle of August.

Billy. Clear, cerise or light carmine.
Coline. Vivid, intense scarlet.
Danny. Deep navy blue.
Evelyn. Extra strong stemmed. Soft salmon-pink.
Flora. Pure rose-carmine.
Frank G. Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.
Helen. Blush-pink on white ground.
 Any of the above, 1/2 oz. 30c, oz. 50c, 1/4 lb. \$1.50, lb. \$5.50.

Janet. Large frilled flowers of pure white are carried on long heavy stems. Black seeded.
Jessie. Closely resembles winter-flowering Triumph in its rich coloring.
Kenneth. Rich deep crimson.
Lois. Similar in color to Ball Rose Queen in the winter class.
Tommy. A clear mid-blue about the color of Mrs. Hoover in the winter class.
Mixture. A well-balanced mixture of the above colors.

Giant Spencer, Summer-Flowering

LAVENDER, BLUE AND PURPLE

Fortune. Rich dark blue.
Gleneagles. Large. Lavender.
King Lavender. Fine, clear lavender. Excellent variety.
Mrs. Tom Jones. Bright delphinium-blue.
Royal Purple. Rich purple.
Windsor Blue. Finest mid-blue. Good stem and flower.

PINK, ROSE AND SALMON

Bonny Briar. Sparkling rose-pink; immense size.
Debutante. Salmon shaded coral. Giant flowered.
Diana. Rose on cream; immense.
Maytime. Huge individual flowers coming four and five to a stem. The color is a rich golden cerise.
Peggy Ann. An introduction of great beauty, in a rare shade of salmon-pink. Delightfully perfumed.
Salmon Gigantic. Giant salmon-pink.
Pinkie. Rose-pink. Extra-large flowers.

PLEASE NOTE.—The pound rate will apply only where one-half pound or more of a variety is ordered.
 For Winter-Flowering Spencer Sweet Peas see page 28.

TAGETES

SIGNATA PUMILA, LULU

This is the first real yellow in the Tagetes type. A very compact dome-shaped plant growing about 7 inches tall and 12 inches across. The plant is completely covered with dainty single florets that are three-fourths of an inch across. A pleasing shade of bright canary-yellow, without a zone but with a small eye that is a trifle darker. Ideal for borders, edgings and rockeries.

Tr. pkt. 40c; 1/4 oz. \$1.00; oz. \$3.00.

Trade pkt. Oz.

Signata pumila. A fine bedding plant. Flowers golden yellow. Trade pkt. \$0.25 Oz. \$1.00
Signata pumila, Gnome. The plants grow 4 to 6 inches high, spreading from 10 to 12 inches, and are completely covered with dainty golden orange flowers. Fine for pots and edging. Trade pkt. .25 Oz. 1.25

TAHOKA DAISY

The daisy-like flowers are a beautiful lavender-blue color. For good germination, we suggest putting the seed in a refrigerator for a week or ten days.
 Tr. pkt. 50c; 1/4 oz. 75c; oz. \$2.50.

THUNBERGIA - Black-Eyed Susan

A very useful vine for baskets, vases, etc.

Mixed Trade pkt. Oz.
 \$0.25 \$1.25

TITHONIA

Trade pkt. Oz.

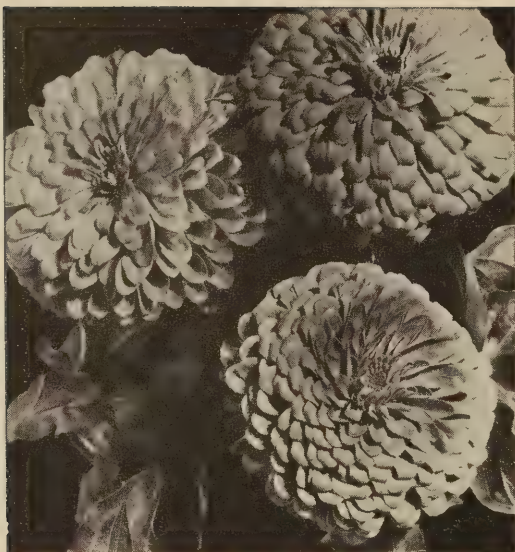
TORCH. All-America Silver Medal Winner. Torch is good. And Torch is easy. Heat?—Thrives on it. Pests or diseases?—None whatsoever. Anybody who can grow Zinnias can have loads of brilliant orange-scarlet, 4-inch cutting flowers like single Dahlias by midsummer on a compact plant growing only 4 to 4½ feet high. Early enough for the North, dwarf enough for the South. Trade pkt. 1/4 oz. \$0.75 Oz. \$0.40 \$2.50

Speciosa. Mexican Sunflower. Color dazzling orange-scarlet. Makes a very salable cutting flower. 10 to 12 ft. Trade pkt. .25 Oz. 1.50

TORENIA

Excellent for bedding, also for baskets, window boxes, etc.

Trade pkt. 1/2 oz.
Fournieri compacta. Dwarf. Blue. 8 in. Trade pkt. \$0.50 Oz. \$1.25
Fournieri grandiflora. Blue. Trade pkt. .50 Oz. 1.25



GIANT DAHLIA-FLOWERED

CALIFORNIA GIANT

This class makes fine cut flowers, especially for florists as they can be forced nicely in the greenhouse. These are larger than the giant Robusta and are a cross between them and the Dahlia-Flowered type. Flowers large and flat with long stems, making an excellent cut flower for the florist. Grow $2\frac{1}{2}$ to 3 feet.

Brightness. Deep rose.
Cerise Queen. Orange-rose.
Daffodil. Canary-yellow.
Enchantress. Bright rose.
Golden Queen. Golden yellow.
Grenadier. Dark red.
Isabellina. The flowers of this strain are a soft, creamy yellow. A most desirable shade for the florist. We offer a selected, carefully rogued strain.

Lavender Queen. Rosy lavender.
Miss Willmott. Soft pink.
Orange Queen. Golden orange.
Pastel Shades.
Purity. Best white.
Salmon Queen. Salmon-rose.
Scarlet Queen. Deep scarlet.
Violet Queen. Purple.
Finest Mixed.

Each of the above: Tr. pkt. 30c; oz. \$1.35; $\frac{1}{4}$ lb. \$4.00; lb. \$14.50.

LILLIPUT VARIETIES

The Lilliputs are among the most popular of Zinnias for cut-flower use. Flowers are small, perfectly double, compact, and symmetrical on strong, long stems. Fine for bedding or cut flowers. 15 to 18 inches high.

Black Ruby. Bronze Medal, All-America Selections. Deep velvety maroon, on long stems and quite true, perhaps 95 per cent. Grows 18 inches tall.

Pastel Mixture. In response to popular demand, we are pleased to offer this new mixture, composed solely of delicate shades not found in ordinary mixtures.

Canary-Yellow.

Crimson Gem.

Dainty Gem. New. Dainty bicolor rose.

Golden Gem.

Lilac Gem.

Purple Gem.

Rosebud. Rose-pink.

Salmon-Rose.

Scarlet Gem (Red Riding Hood).

Valencia. A new shade of burnt orange.

White Gem.

Mixed Colors.

Each of the above: Tr. pkt. 30c; oz. \$1.35; $\frac{1}{4}$ lb. \$4.00; lb. \$14.50.

DWARF DOUBLE-FLOWERING or CUT-AND-COME-AGAIN

These grow about 2 feet high and are excellent for bedding as well as for cutting.

Crimson.

Pink (Flesh).

Pinkie. Deep rose-pink.

Salmon-Rose.

Scarlet.

Spun Gold (Butter-Yellow).

Yellow (Golden Orange).

White.

Mixed.

Each of the above: Tr. pkt. 30c; oz. \$1.35; $\frac{1}{4}$ lb. \$4.00.

PLEASE NOTE.—The pound rate of Zinnias will apply only where one-half pound or more of a variety is ordered.

Michell's TOP

GIANT DAHLIA-FLOWERED

Bodger's Original Gold Medal Strain

Plants medium height, $2\frac{1}{2}$ -3 feet, bearing on strong stems huge fully double flowers resembling the show type of Dahlia. The blooms are distinct from the ordinary giant-flowered class, being extra large and fully double. Our list comprises the most popular varieties.

Buttercup. Deep creamy yellow.

Crimson Giant.

Dream. Deep lavender, turning to purple.

Exquisite. Light rose, center deep rose.

Golden Dawn. Bright golden yellow.

Golden State. Orange-yellow.

Indian Summer. An unusual mixture of crimson, cherry, flame, burnished copper, yellows, and white.

Luminosa. New shade of clear bright pink.

Old Rose.

Oriole. Orange and gold.

Polar Bear. Pure white.

Purple Prince. Deep purple.

Royal Purple. True velvety purple.

Scarlet Flame. Bright scarlet and orange.

Gold Medal Hybrids Mixed.

Each of the above, trade pkt. 30c; oz. \$1.35; $\frac{1}{4}$ lb. \$4.00; lb. \$14.50.

FANTASY or CHRYSANTHEMUM-FLOWERED

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect.

Floradale Scarlet. A new kind of Zinnia. Giant, scarlet-red flowers with beautiful, long, ruffled petals. Very free flowering, with long strong stems. A splendid florist's cut flower, also fine for garden use.

Melody. Rich orchid-lavender.

Orange Lady. Bright orange.

Pink Frills. Soft flesh-pink.

Rosalie. Intense rose-pink.

Star Dust. A bright deep golden yellow.

White Light. Pure white.

Wildfire. Dazzling scarlet; a strikingly brilliant color.

Mixture. Formula mixture of all colors in this class.

Each of the above: Tr. pkt. 30c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.



FANTASY

QUALITY Zinnias

Blaze

All-America Bronze Medal Winner 1954

Newest, most vivid of the Giant Hybrid Zinnias. Outstanding for the uniform doubleness of its fluffy gracefully quilled petals which reach 5¼ inches across.

BLAZE bursts into bloom with a profusion of brilliant mandarin-red flowers which soften to scarlet-orange as the flowers attain size. This fiery beauty is borne on free blooming, uniform plants 28 to 32 inches tall. Blaze will delight your customers as a cut flower as well as for sensational mass displays.

Tr. pkt. 50c; ¼ oz. \$1.25; ¼ oz. \$2.25; oz. \$6.50.

SCABIOUS-FLOWERED

Plants 2½-3 inches bearing numerous medium sized flowers resembling annual Scabiosa or Harmony Marigold. Our improved strains have long stems and are excellent for florists.

Autumn Tints, Mixed. The real beauty is in the lovely coloring of the flowers, which range through all the gorgeous autumn tints and include orange, bronze, russet, dull red, carmine-red and intermediate shades.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.

Scabious-Flowered, Mixed. Medium-sized flowers, resembling the annual Scabiosa. Fine for cutting.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.

GIANT BURPEE'S HYBRIDS

This new giant Zinnia is the loveliest ever created, immense fluffy and ruffled flowers with graceful curved petals like those in a giant Mum. This Zinnia comes in a gorgeous range of colors and color combinations larger than Dahlia-flowered and most desirable for garden use and cutting.

Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.00.

HOWARD'S NEW GIANT CRESTED, MIXED

A cross between the Dahlia-flowered and Scabious-flowered types. The blooms average from 4 to 5 inches in diameter, with a full, rounded cushiony center surrounded by broad guard petals. Shades of orange, orange-scarlet, yellow, rose, maize and crimson.

Tr. pkt. 40c; ¼ oz. 60c; oz. \$2.00.

SUPER CROWN OF GOLD MIXTURE

The flowers are large and each petal is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.



SUPER
CROWN OF
GOLD



PERSIAN CARPET

PERSIAN CARPET

All-America Selection Winner.

Like tiny Dahlias, each with its pointed petals tipped with contrast, these perfect miniature Zinnias make the ideal garden edging subject. Dwarf plants begin blooming early; grow into tidy, well-behaved 12-inch mounds of brilliant color, each plant different. Variegated flowers, each the size of a silver dollar.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.

PEPPERMINT STICK MIXED

Unlike any Zinnia on the market today. Has a much wider color range (red and white, red and yellow, pink and white, orange and yellow, purple and white) than its parents, Old Glory and The Crown. Plants somewhat taller than Pumila bear medium-sized Pumila-type flowers. One of the best Cut-and-Come-Again Zinnias. Blooms will be produced until frost if kept picked. An early strain, extensively reselected, produces approximately 70% striped flowers.

Tr. pkt. 40c; ¼ oz. 60c; oz. \$2.00.

CUPID

The smallest of all. Compact plants about 1 foot tall, consisting of a large number of slender branches which give the plant a well-rounded, bushy habit. Each of the numerous upright stems bears a miniature flower that hardly exceeds 1 inch in diameter. Useful for corsage making.

Choice Mixed. Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.

LINEARIS

The flowers are single, in a lovely shade of golden orange with a delicate lemon stripe through each petal. Plants are quite dwarf and extremely early flowering.

Tr. pkt. 40c; ¼ oz. 60c; oz. \$2.00.

LILLIPUT, TOM THUMB

A new dwarf compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders.

Finest Mixed.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.65.

HAAGEANA HYBRIDS

Mixed. Double variety from Mexico.

Tr. pkt. 40c; ¼ oz. 60c; oz. \$2.00.



LILLIPUT
ZINNIAS

Verbenas

Dwarf Upright, Michell's Exhibition

We offer a new strain which is the result of many years' work of careful selection. The plants are of dwarf upright habit and well branched, producing many large flower heads. Individual florets have clear distinct eyes and come in a range of fine bright florist colors. This is a very fine strain for pot plants.

Trade pkt. 75c; ¼ oz. \$1.50; oz. \$5.00.

TWO FINE NEW Dwarf Compact Verbenas Crystal

A dwarf compact plant that retains this most desirable habit throughout the entire blooming season. The open spots that are common to the regular varieties during the latter part of the flowering season have been fully overcome in this new strain. The large pure white florets are produced in abundance in large bouquet type clusters.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$5.00.

Sparkle

Identical to the above variety except in color, which is a bright scarlet-red with large white eye.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

Bush Types

Snow-White. The latest addition to this popular type of Verbena. Plants are very bushy, dwarf and free flowering. The color is snow-white.

Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

Firelight. The most vivid red Verbena we have ever seen. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequalled in any other border or bedding plant. Truly a supreme addition to every garden.

Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

Starlight. A bright mid-blue with a creamy eye. Plants are of uniform, bushy habit, about 8 to 10 inches high, very free flowering. An excellent companion to Salmon Queen.

Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

Giant Salmon Queen. The flower heads are large and well filled with large, broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8- to 10-inch, straight stems and its attractive color make it very desirable for bouquets.

Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

Giant Flowering Types

Annapolis Blue. A real deep Belladonna blue. A strong, husky grower with large trusses of 3-inch flowers.

Giant, Brilliant. A rich deep flame-rose color with medium-sized white eye.

Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red.

Crimson Glow. The finest and deepest red—a rich glowing crimson.

Giant White. Mammoth flowers of pure white.

Lavender Glory. This novelty is a true hybrid (and will come one-third white), but we consider the lavender flowers so worth while that we recommend it. Medium-sized, with creamy white eye.

Newport Salmon (Michell's). A fine giant-flowering, true salmon-pink with white eye. Extra-large florets.

Etna. An intense geranium-red, with small eye.

Luminosa. Gigantic blooms of flame-pink, toning to softer shades.

Royale. Deep royal-blue flowers of enormous size; creamy yellow eye.

Choice Mixed.

Each of the above, trade pkt. 40c; ¼ oz. 80c; oz. \$2.85.

Venosa. Heliotrope-blue. Fine for bedding. Trade pkt. 25c; oz. \$1.75.



VERBENA, Giant Flowering

VINCA

An excellent bedding plant. Seed should be sown early.

Alba. White, with rose center. **Rosea.** Pink.

Alba pura. Pure white.

Mixed.

Kermesina. Bright red.

Each of the above, trade pkt. 25c; ¼ oz. 60c; oz. \$2.00.

VIRGINIAN STOCK

Mixed. An easy-growing border annual. Trade pkt. Oz. \$0.25 \$0.75

WALLFLOWER

Double Annual (Early Wonder Mixed). Extra early, flowering in 90 days. Excellent for forcing. Tr. pkt. 30c; ¼ oz. 60c; oz. \$2.00.

Paris Extra Early Mixed. Single. Good forcing variety.

Tr. pkt. 20c; oz. 60c.

XERANTHEMUM Everlasting Flower

Double Mixed. Annual. For winter bouquets.

Tr. pkt. 25c; oz. \$1.25.



VINCA ROSEA

MIXED or WILD-FLOWER GARDEN SEED

A mixture of annuals containing a large number of varieties of easily grown and interesting flowers.

Oz. 25c; lb. \$2.00.

Varieties marked * are especially suitable for rock gardens.



AQUILEGIA

* **Alyssum**

	Trade pkt.	Oz.
Saxatile compactum. Golden yellow.....	\$0.30	\$1.25
Saxatile compactum, Silver Queen. Pale primrose.....	.40	2.25
Rock Garden Hybrids, Mixed.	1/8 oz. 75c.	.50

Anchusa

Italica, Dropmore. Bright blue.....	.25	1.00
*Myosotidiflora. Small Forget-me-not-blue flowers. 15 in.	1/8 oz. \$1.25; 1/4 oz. \$2.25	.50

Anemone - Windflower

Hardy perennial. Blooms excellent for cutting.

Caen Hybrids. Choice mixture.....	.50	2.50
Coronaria, St. Brigid. Semi-double. Various colors. 1 ft.	1/4 oz. 85c.	.50 3.00

* **Anthemis**

Tinctoria Kelwayi. Bright yellow flowers. 2 ft.....	.25	1.00
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Aquilegia - Columbine

*Alpina. Blue and white. 1 1/2 ft.....	1/4 oz. \$0.85	.30 3.00
Crimson Star. Crimson and white.....	1/8 oz. 1.50	.50

Long-Spurred Varieties

Longissima. Delicate shade of yellow....	1/16 oz. \$2.00	.75
Copper Queen. Copper-red, straw corolla....	1/8 oz. 1.25	.50
Blue Shades	1/8 oz. 1.25	.50
Orange and Scarlet Shades	1/8 oz. 1.25	.50
Pink and Rose Shades	1/8 oz. 1.25	.50
Snow Queen. Pure white.....	1/8 oz. 1.25	.50
Mrs. Scott Elliott's Select Strain	1/4 oz. 1.50	.50 5.00
Hybrids. Mixed colors.....	1/4 oz. 1.00	.40 3.50

Aubrietia - Rainbow Rock Cress

*New Large-Flowering Hybrids. Mixed....	1/4 oz. 85c.	.50 3.00
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Auricula - Primula Auricula

*Choice Mixed. Hardy perennial with flowers of many beautiful colors. 6 in.	1/8 oz. \$1.75; 1/4 oz. \$3.00	.50
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Arabis - Rock Cress

*Alpina. Dwarf, spring-flowering perennial for edging and rockery. Flowers pure white. 1 ft.....	1/4 oz. 75c.	.40 2.50
*Alpina rosea. Bright rose flowers. Very dwarf. 8 in....	1/4 oz. \$1.50	.50

Campanula - Bellflower

Campanula Medium - Canterbury Bells

BIENNIAL

	Tr. pkt.	1/4 oz.	Oz.
Calycanthemum, Blue. Cup-and-Saucer	\$0.30	\$0.60	\$2.00
Calycanthemum, Lilac .....	.30	.60	2.00
Calycanthemum, Pink .....	.30	.60	2.00
Calycanthemum, White .....	.30	.60	2.00
Calycanthemum, Mixed .....	.30	.60	2.00

Single Blue .....	.25	.40	1.00
Single Pink25	.40	1.00
Single White25	.40	1.00
Single Mixed25	.40	1.00

Double Mixed25	.70	2.50
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Miscellaneous Varieties

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade pkt.	1/8 oz.	1/4 oz.
*Carpatica, Blue. Dwarf; 6 in.....	\$0.25	\$0.75	\$1.25
*Carpatica, White. Dwarf; 6 in.....	.25	.75	1.25
Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers.....	.50	1.25	2.00
Persicifolia grandiflora alba. White.....	.50	1.25	2.00
Persicifolia, Telham Beauty. Large, China-blue bells. 2 1/2 ft. ....	.75	1.50	2.50
Pyramidalis, Mixed. Chimney Bellflower. 5 ft....	.25	.75	1.25

Candytuft - Iberis

	Tr. pkt.	1/4 oz.	Oz.
Gibraltarica. Lilac, shading to white	\$0.25	\$0.50	\$1.50
Sempervirens. Flowers white.....	.50	1.25	4.50



CAMPANULA MEDIUM CALYCANTHEMA



DELPHINIUM—Pacific Hybrids

Carnation, Grenadin Perennial Varieties

The Grenadin Carnation is an excellent early-blooming, large-flowering type, fine for cut flowers.

Black King. A fine dark red.

Cardinal. Brilliant scarlet.

Triumph Pink. Pure rose-pink.

White. Snow-white.

White Gold. Beautiful soft yellow.

Mixed.

Each of the above: Tr. pkt. 50c; ¼ oz. \$2.00; oz. \$6.00.

Centaurea

	Trade pkt.	Oz.
Montana. Large Cornflower with blue flowers.....	\$0.25	\$1.25

Cerastium - Snow-in-Summer 1 foot

*Tomentosum. Silvery foliage. White flowers. ¼ oz. 60c..	.25	2.00
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Cheiranthus

Allioni. Siberian Wallflower. Orange.....	.25	.75
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Chrysanthemum

	Trade pkt.	½ oz.
Korean Hybrids. Single and semi-double type in a fine color range. Excellent for cutting.....	¼ oz. \$4.50	\$1.00 \$2.50

	Trade pkt.	Oz.
Shasta Daisy, New Giant Double White. Extra large on long, stiff stems, fine for cutting.....	1/16 oz. \$1.50	\$0.50

Shasta Daisy, Alaska. Pure white.....	.25	1.25
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Shasta Daisy, Conqueror. Giant-flowering white.....	.25	1.25
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Coreopsis

Lanceolata grandiflora. Golden yellow.....	.25	.75
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Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Double and semi-double flowers.....	.25	1.00
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Mayfield Giant. Extra-large flowers. Plants tall.....	.25	1.00
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Delphinium Perennial Larkspur

One of the most popular perennials. Excellent for cutting.

SUPER-GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving splendid for cut flowers.

Black Knight Series. Deep velvety blue. Darkest of all.

Blue Bird Series. The clearest medium blue with white bee. Huge tall spikes; an excellent variety.

Bluejay Series. The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue.

Cameliard Series. A lovely pure lavender self with white bee. Well-balanced spikes, a beautiful variety.

Galahad Series. Clear white of enormous size averaging 3 inches in diameter. Good branching habit; strong whippy stems.

Guinevere Series. A magnificent light pink-lavender with white bee; fine large spike.

King Arthur Series. A true royal purple with white bee.

Percival. White with contrasting black bee. Very attractive.

Round Table Series. This represents all of the color combinations of the knights and their ladies.

Summer Skies Series. Clear light blue with white bee. Excellent for cutting.

White Majesty. Giant; pure white.

Each of the above, trade pkt. \$1.50; ½ oz. \$2.50; ¼ oz. \$4.50; oz. \$15.00.

Mixed Colors.

Trade pkt. \$1.25; ½ oz. \$2.50; ¼ oz. \$4.00; oz. \$14.00.

ASTOLAT SERIES

A fine mixture ranging from pale blush through pink, rose and lilac, with dark bees.

½ tr. pkt. \$1.50; tr. pkt. \$2.25; ½ oz. \$4.50; ¼ oz. \$8.00.

Blackmore & Langdon's Imported Strain. Plants are of strong vigorous growth and produce immense spikes of large flowers.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

English Hollyhock, Watkin Samuel's Wrexham Strain. Fine large-flowered type. Immense spikes.

	Trade pkt.	¼ oz.	Oz.
Selected Mixture	\$0.50	\$1.50	\$5.50

Other Varieties

DELPHINIUM, Sapphire. New

A hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. This strain possesses immense florets in comparison with Belladonna and Bellamosum. An excellent florist item. Tr. pkt. 50c; ½ oz. \$1.50; ¼ oz. \$2.50; oz. \$7.50.

	Trade pkt.	Oz.	¼ lb.
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Belladonna Improved (Cliveden Beauty). A very select strain. Turquoise-blue.....	¼ oz. 85c.	\$0.40	\$3.00 \$11.00
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Bellamosum, Improved. A dark blue type of Belladonna.....	¼ oz. 85c.	.40	3.00 11.00
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Cardinale. Large, brilliant scarlet flowers.....	¼ oz. 75c.	.40	2.75
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Michell's Gold Medal Hybrids. A fine strain. Long spikes of large flowers30	1.65	5.50
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	Trade pkt.	¼ oz.	Oz.
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Lamartine. Deep bright marine-blue with eye. Outstanding for color and cut-flower habit.....	\$0.50	\$1.35	\$4.75
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NOTE.—The seed of Cardinale is of slow germination.

Daisy, Double English Bellis perennis

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers. 6 in.

	Trade pkt.	½ oz.	¼ oz.	Oz.
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*Monstrosa, Crimson Ball. Dark red.....	\$0.50	\$1.75	\$3.25	\$10.00
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" Pink50	1.75	3.25	10.00
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" White50	1.75	3.25	10.00
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" Mixed50	1.75	3.25	10.00
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*Double Mixed. A fine mixture.....	.40	1.25	4.00
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Digitalis - Foxglove

Giant Shirley, Mixed. Enormous spikes of flowers. 3 to 5 ft.

Trade pkt. 25c; ¼ oz. 60c; oz. \$2.00

Monstrosa. Mammoth spikes, various colors.

Purpurea gloxiniaeflora, Mixed.

Each of the above, trade pkt. 25c; ¼ oz. 50c; oz. \$1.50.

Dictamnus - Gas Plant

Dictamnus seed is slow of germination; sow in cold frame in the fall and leave undisturbed until spring.

Fraxinella. Purple-red flowers. 2½ ft. Trade pkt. Oz. \$0.30 \$2.00

Dianthus - Pinks

Hardy Garden Varieties

***Caesius.** Cheddar Pink. Pink. ¼ oz. 60c. .30 2.00
Clove-Scented, Double and Semi-Double, Mixed. .30 1.50
Deltoides, Brilliant. Maiden Pink. Dwarf. Carmine. ¼ oz. \$1.50. .40
Double Scotch, Mixed. Choice colors. ¼ oz. \$1.00. .40 3.50
Pheasant's Eye, Mixed. Single; fringed. ¼ oz. 50c. .25 1.50
***Rock Garden Species.** A mixture of 25 rare varieties. ¼ oz. 85c. .50 3.00

Doronicum

Trade pkt.

Caucasicum. Yellow, daisy-like flowers. Seed germinates slowly. 2 ft. ½ oz. \$2.50. \$1.00

FORGET-ME-NOT. See Myosotis, page 36.

Gaillardia Grandiflora

Perennial Varieties

Very showy and excellent for the border or for cutting. 2½ to 3 ft. Trade pkt. Oz.

Monarch Strain. Giant flowering. Exquisite mixed. \$0.40 \$2.00
***Goblin.** A dwarf, compact variety, the plants attaining a height of 12 to 15 inches, and covered with large showy, deep red flowers. ¼ oz. 75c. .50 2.50
Portola Hybrids. Flowers of immense size, bronzy red with golden tipped petals. ¼ oz. 60c. .40 2.00
Tangerine. Giant orange flowers overlaid with red. ¼ oz. 60c. .40 2.00
Superba, Mixed. ¼ lb. \$5.50. .30 1.60

Geum

Beautiful hardy perennials, bearing a profusion of large, showy double flowers the entire summer. Trade pkt. Oz.

Lady Stratheden. Golden yellow. 2 ft. ¼ oz. 75c. \$0.50 \$2.50
Mrs. Bradshaw. Brilliant scarlet flowers. 2 ft. ¼ oz. 75c. .50 2.50
Prince of Orange. True orange; large flowers. ¼ oz. \$1.25. .50

Gypsophila - Baby's Breath

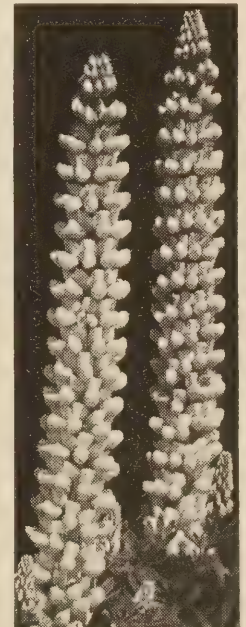
Oldhamiana. Bright pink, fragrant flowers. Hardy. Trade pkt. Oz. \$0.30 \$2.25
Paniculata. White flowers. 3 ft. ¼ lb. \$2.25. .20 .75
Paniculata fl.-pl. Double white flowers. Comes 30 to 40 per cent true. 3 ft. ¼ oz. \$1.25. .50 4.40
***Repens.** A pretty trailing perennial with tiny white flowers. Fine for the rock garden. 6 in. ¼ oz. 85c. .30 3.00



GEUM



HIBISCUS



LUPINUS

Heuchera

Sanguinea splendens. Coralbells. Bright vermillion blooms. Excellent for cutting. 30 in. Tr. pkt. 50c; 1/16 oz. \$1.75; ¼ oz. \$3.25.

Sanguinea hybrida, Choice Mixed. 30 in. Tr. pkt. 50c; 1/16 oz. \$1.75; ¼ oz. \$3.25.

Hibiscus - Marshmallow

Giant Choice Mixed. Tr. pkt. 25c; ¼ oz. 50c; oz. \$1.75.

Hollyhock

Our seed of this popular perennial plant is saved from extra-fine double flowers and cannot be surpassed.

Improved New Triumph. Rustproof. Flowers double, waved and fringed in a selected mixture of many choice new colors. Trade pkt. 40c; ¼ oz. \$1.25; oz. \$4.00.

Double Newport Pink.

Pure pink.
Chater's Double Maroon.
Chater's Double Red.

Chater's Double Salmon.
Chater's Double White.
Chater's Double Yellow.
Chater's Double Mixed.

Each of the above: Tr. pkt. 30c; ¼ oz. 60c; oz. \$2.00.

Double Everblooming Mixed. Blooms the first year. Trade pkt. 25c; oz. \$1.25.

SINGLE HOLLYHOCK

Trade pkt. Oz.
Mixed Colors. \$0.25 \$1.00

Honesty - Lunaria

Biennis alba. Biennial. Admired for its silvery seed-panicles. 3 ft. .40 1.25

Lavender - Lavandula

Trade pkt. ¼ oz. Oz.
Vera. True lavender. Fragrant blue flowers. 2 ft. \$0.50 \$1.25 \$4.00

Varieties marked * are especially suitable for rock gardens.

Lathyrus latifolius - Perennial Pea

A hardy climber, growing 6 feet high.

Crimson.

White.

Pink Beauty. Bright pink.

Choice Mixed.

Each of the above: Tr. pkt. 25c; ½ oz. 85c; oz. \$1.50.

Liatris

Pycnostachya. A showy border plant with rosy purple flowers. Excellent for cutting. 4 ft. ½ oz. 85c. \$0.40 3.00

Lupinus polyphyllus

Effective perennial plants with large spikes of flowers.

Blue .....	.25	1.25
Roseus. Soft pink. ½ oz. \$1.25 ..	.40	2.00
White .....	.25	1.25
Mixed. All colors. ¼ lb. \$4.00 ..	.25	1.25
New Hybrids, Mixed .....	.25	1.25
Russell Lupins. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. We offer seed grown from the originator's stock.		
	.50	2.00

Lily - Lilium

Regale (L. myriophyllum). Perfectly hardy. Excellent for forcing. Flowers waxy white.25 1.25

WHITE QUEEN. A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed. ½ oz. \$2.50; ¼ oz. \$4.50. 1.00

Linum - Flax

Perenne. Large blue flowers. 1½ ft.25 .75

Lychnis

Hardy perennial plants of easy culture.

Chalcedonica. Scarlet crosslike flowers. 2 ft.25 .60

Matricaria - Feverfew

Trade pkt. Oz.

Double White. Fine for cut flowers. 1½ ft. ¼ oz. 75c. \$0.30 \$2.50
Golden Ball. Bright yellow flowers. Dense habit. 8 in. .40 2.50

Myosotis - Forget-me-not

Trade pkt. ¼ oz. Oz.

Alpestris, Pink	\$0.40	\$0.75	\$2.50
Alpestris, White .....	.40	.75	2.50
Alpestris, Victoria. Bright blue. Dwarf. ....	.50	1.50	5.00
Bluebird. Extra early-flowering; bright blue. ....	.40	.85	3.00
Royal Blue. Dwarf indigo-blue. A fine dark blue. .	.40	.85	3.00
Micell's Winter-Flowering. The finest variety for forcing. Long stems. Large deep blue flowers. .			
	.50	1.00	3.50
Palustris semperflorens. Everblooming. Blue. ....	.40	.75	2.50
Choice Mixed. .....	.25	.50	1.50

Phlox, Hardy

BELTSVILLE BEAUTY. Perennial. This new variety was developed by Dr. Sam Emsweller of U. S. D. A., Beltsville, Md. Beltsville Beauty is a broad mixture of colors. Besides the usual mauve, the mixture contains lavender, carmine, crimson, salmon-pink, pink with dark eye (similar to Painted Lady), pink-white with dark eye, and a sizeable proportion of pure paper-white. To insure good germination, seed should be frozen before planting.75 1.50 5.00

HARDY PHLOX. Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring.

Decussata, Mixed. Choice selection.30 .60 2.00

Poppy - Papaver

Perennial Varieties

Tr. pkt. ¼ oz.

Iceland, Kelmscott. The flowers of this strain measure as much as 3 inches across. The color range is from deep scarlet through delicate pinks and buffs to pure white. \$0.75 1.25

Iceland, Gartford Giant Art Shades. Pastel shades of apricot, cream, gold, and various shades of rose. Large flowers on stems up to 30 inches long.50 1.00

Iceland, Yellow Wonder. Bright buttercup-yellow, fine for cutting.40 .75

Iceland, Single Mixed25 | .50 |

Iceland, Sunbeam. New. Splendid mixed hybrids.25 .60

Orientele. Deep scarlet25 | .75 |

Orientele, Mrs. Perry. Rich salmon-pink.50 1.00

Orientele, Royal Scarlet50 | 1.00 |

Orientele Hybrids, Mixed30 | .85 |



HOLLYHOCK, Chater's Double



POPPY, Iceland, Gartford Giants



LIATRIS

Physalis - Chinese Lantern Plant

Francheti. Perennial. Orange-scarlet fruits. 2½ ft. Trade pkt. ¼ oz. Oz. \$0.25 \$0.75 \$2.50

*Polyanthus

Primula polyantha. English, mixed single flowers. .50 2.00 7.00

*Primula

Veris, Mixed. Cowslip. .50 2.00 7.00

Pyrethrum hybridum Perennial Varieties

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two to three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2½ ft.

	Trade pkt. ¼ oz.	Oz.
Atrosanguineum. Single; dark red shades.	\$0.50	\$1.50 \$5.00
Roseum. Single; pink shades. ....	.50	1.50 5.00
Hybridum, Single, Mixed. ....	.50	1.50 5.00
Hybridum, Choice Double, Mixed. ....	.50	2.50 7.50
Robinson's Giant-Flowered, Mixed. ....	.50	1.75 6.00

Scabiosa - Mourning Bride Perennial Varieties

The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids. Isaac House Strain. A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use. Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

	Tr. pkt. ¼ oz.	Oz.
Caucasica. Light blue.	\$0.40	\$1.25 \$4.00
Caucasica alba. White. ....	.40	1.25 4.00

Shasta Daisy

	Tr. pkt.	Oz.
New Giant Double White. Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant Aster. 1/16 oz. \$1.50, ¼ oz. \$2.50. ....	.50	
Alaska. Pure white. Excellent for cutting. ....	.25	1.25
Conqueror. Giant-flowering white. ....	.25	1.25

Statice - Everlasting Flower

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

	Tr. pkt. ¼ oz.	Oz.
Caspia. Lilac. 3 ft.	\$0.50	\$0.75 \$2.50
Dumosa. Silvery gray. 2½ ft. ....	.50	.85 3.00
Latifolia. Large, deep blue flowers. ....	.40	.65 2.25

Sweet Rocket - Hesperis

	Tr. pkt.	Oz.
Mixed. Hardy perennial. Purple and white, fragrant flowers. 3 ft.	\$0.25	\$1.00

Sweet William - Dianthus barbatus

DWARF DOUBLE MIXED

A special selected strain of this popular flower growing only 6 to 9 inches high. An excellent variety for basket work. Contains a very fine range of colors.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$2.00; ¼ lb. \$6.00.

	Tr. pkt. ¼ oz.	Oz.
*Dwarf or Alpine. A fine strain of dwarf type, suitable for edging and rock gardens. Color range a selection of many bright and dark shades.	\$0.40	\$1.00 \$3.50
Crimson ....	.25	.60 2.00
Holborn Glory. Giant Auricula-flowered, mixed. ....	.25	.60 2.00
Newport Pink. Salmon-pink. ....	.40	.75 2.50
Purple Beauty. Bright deep purple. ....	.25	.60 2.00
Scarlet Beauty. Rich deep scarlet. ....	.40	.75 2.50
Sutton's Giant White. The finest large-flowering pure white Sweet William. ....	.40	.75 2.50
Velvety Maroon ....	.25	.60 1.75
White ....	.25	.60 2.00
Single, Mixed. All colors. ....	.25	.50 1.75
Double, Mixed. All colors. ....	.25	.75 2.50

Thalictrum

Hardy perennial plants with finely cut foliage.

	Trade pkt. ¼ oz.	Oz.
Dipterocarpum. Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft.	\$0.40	\$0.75 \$2.50

Thermopsis

Caroliniana. Yellow, lupin-like flowers.40 .75 2.50

Tritoma - Red-Hot Poker

	Tr. pkt. ¼ oz.	Oz.
Hybrida, Mixed. 2 ft.	\$0.40	\$0.75 \$2.50

Viola

GEORGIA PEACH, NEW

An exceptionally large flowered variety, bright shades of delicately peach-colored flowers on well-formed compact plants.

Tr. pkt. \$1.00; 1/16 oz. \$1.50; ¼ oz. \$2.50; ½ oz. \$4.00.

	Trade pkt. ¼ oz.	Oz.
Arkwright Ruby. This new variety is of the large-flowered type. Very fragrant beautiful bright rosy crimson blooms with terra-cotta shadings make it a very outstanding variety. ¼ oz. \$1.65.	\$0.50	\$3.00 \$9.00
Jersey Gem. This is the most popular and free-blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom. ¼ oz. \$2.00. ....	.50	3.25

Viola cornuta - Tufted Pansies

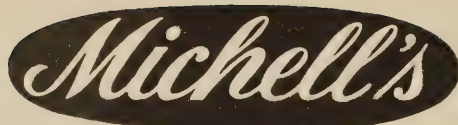
	Tr. pkt. ¼ oz.	Oz.
Blue Perfection. Light blue.	\$0.50	\$1.75 \$5.50
Chantreyland. New. A fine new variety in a pure apricot outstanding in color. ¼ oz. \$1.25. ....	.50	2.00 6.50
White Perfection. Pure white. ....	.50	1.75 5.50
Yellow Perfection. Golden yellow. ....	.50	1.75 5.50
Mixed. All colors. ....	.40	1.50 5.00
Scotch Bedding, Mixed. Produces larger flowers than <i>V. cornuta</i> ¼ oz. \$1.25. ....	.50	2.00 6.50

Wallflower

	Tr. pkt. ¼ oz.	Oz.
Double Annual "Early Wonder Mixed." Extra-early flowering flowers in 90 days.	\$0.30	\$0.60 \$2.00
Paris Extra-Early, Mixed. Single. Blooms the first year from seed. Excellent for forcing. ....	.20	.60



SWEET WILLIAM



Vegetable Seeds

ASPARAGUS ROOTS—2-Year-Old

(Ready about March 20th for spring planting.)

Mary Washington. \$2.50 per 100 roots; \$22.50 per 1000 roots.

ASPARAGUS SEEDS

	¼ lb.	Lb.	10 lbs.
Giant Washington	\$0.65	\$2.00	\$18.00

Dwarf Beans

Two pounds will plant 100 feet of row; 90 pounds, an acre.

Green-Podded Varieties

	Lb.	5 lbs.	10 lbs.	100 lbs.
Bansei Soy Beans. 95 days.....	\$0.30	\$1.35	\$2.50	\$22.00
Bountiful. 47 days.....	.40	1.80	3.60	33.00
Improved Stringless Green-Pod. 50 days.....	.35	1.70	3.30	30.00
Long-Pod Broad or Fava. 75 days.....	.40	1.75	3.30	31.00
Giant Stringless. 53 days.....	.40	1.75	3.30	31.00
Stringless Black Valentine. 49 days.....	.40	1.75	3.30	31.00
Tendergreen. 51 days.....	.40	1.75	3.30	31.00
Topcrop. 50 days. Gold Medal All-America Selections.....	.45	1.90	3.70	35.00
Contender. 54 days.....	.40	1.75	3.30	31.00
Wade. 50 days.....	.45	2.00	3.80	36.00

Yellow-Podded Varieties

	Lb.	5 lbs.	10 lbs.	100 lbs.
Cherokee (Valentine Wax). 55 days.....	\$0.40	\$1.85	\$3.40	\$32.00
Improved Rustproof Golden Wax. 51 days.....	.45	2.05	3.90	36.00
Pencil-Pod Black Wax. 55 days.....	.40	1.80	3.40	32.00
Puregold. 56 days.....	.45	2.05	3.90	36.00
Round Kidney or Brittle Wax. 58 days.....	.45	2.10	4.00	37.00
Sure-Crop Stringless Wax. 53 days.....	.40	1.85	3.50	32.00

Dwarf Shell Beans

	Lb.	5 lbs.	10 lbs.	42.00
French Dwarf Horticultural. 54 days.....	.50	2.35	4.50	42.00
Michelite. 92 days.....	.35	1.60	3.00	28.00
Red Kidney. 95 days.....	.35	1.65	3.10	28.00

Pole or Running Beans

One pound will plant 150 to 200 hills; about 20 pounds, an acre.

	Lb.	5 lbs.	10 lbs.	100 lbs.
Decatur. 60 days.....	\$0.45	\$2.00	\$3.80	\$35.00
Yard-Long Asparagus. 72 days.....	.50	2.45	4.70	44.00
Horticultural or Cranberry. 70 days.....	.40	1.90	3.60	33.00
Kentucky Wonder or Old Homestead. 65 days.....	.40	1.75	3.30	30.00
Kentucky Wonder Wax. 68 days.....	.50	2.30	4.50	43.00

Pole Lima Beans

Two pounds will plant 100 hills; 25 to 30 pounds an acre.

	Lb.	5 lbs.	10 lbs.	100 lbs.
Carolina or Sieva. 77 days.....	\$0.40	\$1.70	\$3.30	\$31.00
Challenger Improved. 90 days.....	.40	1.95	3.80	36.00
Giant-Podded Improved. 90 days.....	.40	1.95	3.80	36.00
King of the Garden. 88 days.....	.40	1.90	3.70	35.00

Bush or Dwarf Lima Beans

	Lb.	5 lbs.	10 lbs.	100 lbs.
Baby Fordhook. 72 days.....	\$0.40	\$1.85	\$3.50	\$33.00
Burpee's Improved. 77 days.....	.40	1.95	3.80	34.00
Fordhook 242. 72 days.....	.40	1.90	3.70	34.00
Fordhook. 75 days.....	.40	1.90	3.70	34.00
Henderson's. 67 days.....	.40	1.80	3.40	31.00
Triumph. 70 days. Silver Medal All-America Selections.....	.40	1.90	3.70	34.00



BEET

Detroit Dark Red, Special Strain

BEET

One ounce will sow a row about 50 feet long; 5 pounds an acre.

	Oz.	¼ lb.	Lb.	5 lbs.
Crimson Globe. 65 days.....	\$0.20	\$0.50	\$1.50	\$ 7.25
Crosby's Egyptian. Special Strain. 55 days.....	.30	.75	2.25	11.00
Crosby's Egyptian. 55 days.....	.20	.45	1.45	7.00
Detroit Dark Red. Special Strain. 56 days.....	.30	.75	2.25	11.00
Detroit Dark Red. 56 days.....	.20	.45	1.45	7.00
Early Wonder. 55 days.....	.20	.45	1.45	7.00
Perpetual or Spinach Beet.....	.15	.40	1.15	5.50
Winter Keeper. 70 days.....	.25	.50	1.50	7.25

BRUSSELS SPROUTS

One ounce will produce about 3000 plants.

	½ oz.	Oz.	¼ lb.
Mammoth Fancy. 90 days.....	\$0.90	\$1.50	\$4.50
Long Island Improved. 90 days.....	.30	.50	1.60

SWISS CHARD - Spinach Beet

One ounce will sow a row about 50 feet long.

	Oz.	¼ lb.	Lb.	5 lbs.
Fordhook Giant. 55 days.....	\$0.15	\$0.45	\$1.35	\$ 6.50
Giant Lucullus. 50 days.....	.15	.45	1.35	6.50
Rhubarb. 55 days.....	.25	.80	2.35	11.50

MANGEL WURZEL

Mammoth Long Red. 110 days.....	.15	.40	1.10	5.00
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ALL PRICES SUBJECT TO MARKET CHANGES

BROCCOLI

One ounce will produce 3000 plants.

	½ oz.	Oz.	¼ lb.	Lb.
De Cicco. 60 days. An extremely early strain producing large heads. Excellent for bunching or freezing.....	\$0.25	\$0.40	\$1.25	\$3.75
Early Green Calabrese. The standard variety for home or market garden.....	.25	.40	1.20	3.60
Rapa or 40-Day.....		.20	.55	1.60

CABBAGE

One ounce will produce about 3000 plants;
4 ounces, enough for an acre.

Yellows-Resistant Varieties

	½ oz.	Oz.	¼ lb.	Lb.
Wisconsin All Seasons. 90 days.....	\$0.25	\$0.45	\$1.25	\$3.75
Wisconsin Copenhagen. 62 days.....	.35	.60	1.70	5.00
Golden Acre Resistant. 64 days.....	.40	.70	2.10	6.00
Bugner. 100 days.....	.35	.55	1.75	5.25
Detroit. 68 days. Similar to Golden Acre but a few days later in maturing.....	.30	.50	1.50	4.50
Jersey Queen. 66 days. The first of the resistant types to mature.....	.25	.45	1.25	3.75
Marion Market. 79 days.....	.25	.45	1.25	3.60
Wisconsin Hollander No. 8. 105 days. Large globular heads; very solid.....	.30	.50	1.40	4.10

Early Varieties

	½ oz.	Oz.	¼ lb.	Lb.
Bonanza. 75 days.....	.60	1.15	3.40	10.00
Copenhagen Market. 69 days.....	.25	.40	1.05	3.10
Extra-Early Jersey Wakefield. 63 days.....	.20	.35	.95	2.70
Golden Acre. 64 days.....	.25	.40	1.15	3.30
Allhead. 78 days.....	.25	.40	1.15	3.30
Charleston or Large Wakefield. 74 days.....	.25	.35	.95	2.70
Red Acre. 70 days.....	.25	.40	1.15	3.30

Late or Winter Varieties

	½ oz.	Oz.	¼ lb.	Lb.
Danish Ballhead. 103 days.....	.25	.40	1.15	3.20
Keystone Danish Roundhead. Short stem. 100 days.....	.30	.50	1.50	4.50
Late Flat Dutch. 100 days.....	.25	.40	1.15	3.20
Mammoth Red Rock. 100 days.....	.30	.50	1.40	4.10
Penn State Ballhead. 105 days.....	.25	.45	1.25	3.60
Perfection Drumhead Savoy. 90 days.....	.25	.40	1.15	3.20
Savoy Chieftain. 88 days.....	.30	.50	1.50	4.50

CHINESE or CELERY CABBAGE

	½ oz.	Oz.	¼ lb.	Lb.
Chihili. 75 days.....		\$0.30	\$0.80	\$2.50
Michihli. 74 days.....	.20	.35	.90	2.50
Mandarin. 74 days.....	.35	.65	2.00	6.00

CARROT

One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre.

California Bunching. 77 days. Oz. 25c; ¼ lb. 75c; lb. \$2.25; 5 lbs. \$11.00.

Chantenay Half-Long. Special. 72 days. Oz. 30c; ¼ lb. 80c; lb. \$2.30; 5 lbs. \$11.25.

Chantenay Half-Long. 72 days. Oz. 25c; ¼ lb. 75c; lb. \$2.15; 5 lbs. \$10.50.

Danvers Half-Long. 75 days. Oz. 25c; ¼ lb. 75c; lb. \$2.15; 5 lbs. \$10.50.

Coreless or Nantes Half-Long. 70 days. Oz. 30c; ¼ lb. 80c; lb. \$2.40; 5 lbs. \$11.75.

Imperator. 77 days. Oz. 25c; ¼ lb. 75c; lb. \$2.15; 5 lbs. \$10.50.

Improved Long Orange. 88 days. Oz. 30c; ¼ lb. 80c; lb. \$2.40; 5 lbs. \$11.75.

Oxheart or Guerande. 72 days. Oz. 25c; ¼ lb. 75c; lb. \$2.15; 5 lbs. \$10.50.

Tendersweet. 75 days. Oz. 30c; ¼ lb. 80c; lb. \$2.40; 5 lbs. \$11.75.



CARROT, Imperator

CAULIFLOWER

One ounce will produce about 3000 plants.

	½ oz.	¼ oz.	½ oz.	Oz.	¼ lb.
Danish Giant. 95 days.....	\$0.50	\$0.75	\$1.35	\$2.50	\$7.25
Early Snowball. 54 days.....	.50	.75	1.35	2.50	7.25
Snowdrift. 55 days. One of the best varieties for shipping long distances.....	.50	.75	1.35	2.50	7.25
Super Snowball. 55 days. A highly desirable main-crop variety.....	.50	.85	1.45	2.65	8.00
Veitch's Autumn Giant. 85 days.....	.30	.50	.80	1.50	4.00

CELERY

One ounce will produce 3000 to 5000 plants;
½ pound will sow an acre.

	½ oz.	Oz.	¼ lb.	Lb.
Cornell No. 19. 100 days.....	\$0.65	\$1.20	\$3.50	\$10.00
Easy-Blanching. 110 days.....	.45	.80	2.35	7.00
Emerson Pascal. Blight resistant. 120 days.....	1.20	2.10	6.00	18.00
Emperor. 126 days.....	.35	.65	1.85	5.50
Fullheart. 107 days.....	.65	1.25	3.50	10.00
Giant Pascal. 138 days.....	.35	.60	1.80	5.25
Golden Plume. 115 days.....	.45	.80	2.35	7.00
Golden Self-Blanching. 114 days.....	.40	.75	2.25	6.75
Summer Pascal, Waltham Strain. 110 days.....	.65	1.25	3.50	10.00
Super Pascal. 137 days.....	.90	1.50	5.00	15.00
Super Plume. 114 days. Withstands blight and other Celery disease far better than most strains.....	.90	1.50	5.00	15.00
Winter Queen. 132 days.....	.25	.65	1.85	5.50

CELERICAC

	½ oz.	Oz.	¼ lb.	Lb.
Giant Prague. 112 days.....	\$0.40	\$0.75	\$2.25	\$6.50

CHICORY

	Oz.	¼ lb.	Lb.
Witloof or French Endive. 145 days.....	\$0.35	\$1.00	\$3.00

COLLARDS

One ounce will produce 3000 plants.

	Oz.	¼ lb.	Lb.	5 lbs.
Georgia or Southern. 75 days.....	\$0.15	\$0.35	\$1.00	\$4.50

CHERVIL

	Oz.	¼ lb.	Lb.
Chervil Seed	\$0.30	\$0.85	\$2.25

GARDEN CRESS - Pepper Grass

	½ oz.	Oz.	¼ lb.	Lb.
Extra Curled		\$0.30	\$0.85	\$2.50
Water Cress.....	.50	.95	2.85	8.50

CUCUMBERS

One ounce will sow 60 hills; 2 to 3 pounds, an acre.

	Oz.	¼ lb.	Lb.	5 lbs.
A. & C. 67 days.....	\$0.30	\$0.80	\$2.40	\$11.75
Arlington White Spine. 62 days.....	.25	.75	2.25	11.00
Davis Perfect. 65 days.....	.25	.75	2.25	11.00
Early Fortune. 64 days.....	.25	.85	2.55	12.50
Early Market. 60 days.....	.25	.65	2.00	9.75
Gherkin or Burr Cucumber. 60 days.....	.35	.95	2.85	14.00
Improved Long Green. 67 days.....	.30	.90	2.70	13.25
Marketer. 65 days.....	.35	.95	2.85	14.00
Longfellow. 70 days.....	.30	.90	2.70	13.25
National Pickling. 56 days.....	.25	.65	2.00	9.75
Straight Eight. 66 days.....	.25	.75	2.25	11.00
Forcing Cucumber, Sparta Pkt. (10 seeds) 35c; 100 seeds \$3.00.				
Forcing Cucumber, Telegraph. 10 seeds 35c; 100 seeds \$3.00.				

HYBRID CUCUMBER

Early Sure-Crop Hybrid. 58 days. Bronze Medal, All-America Selections.

1/16 oz. 50c; ¼ oz. \$1.50; ½ oz. \$2.25; oz. \$4.25; ¼ lb. \$12.75.

ALL PRICES SUBJECT TO MARKET CHANGES

SUGAR CORN

One pound will plant about 150 hills; 12 to 15 pounds, an acre.

HYBRID TYPES

	5	10	25	100
	Lb.	lbs.	lbs.	lbs.
Alphagold. 60 days.....	\$0.70	\$3.25	\$5.75	\$13.25
Big Mo. 81 days. Honorable Mention, All-America Selections. Ears are 8½ inches long, 2¼ inches wide, with 16 to 20 rows.....	.50	2.40	4.60	11.00
Flagship. 82 days. Honorable Mention All-America Selections. Often 2 ears to stalk, 8½ inches long with 14 to 16 rows of golden yellow kernels.....	.55	2.50	4.80	11.50
Golden Cross Bantam. 83 days.....	.45	2.10	4.00	9.50
Golden Rocket. 60 days.....	.45	2.10	4.00	9.50
Goldrush. 69 days. The finest large-eared, extra-early hybrid to grow. The ears are 8½ inches long, with 12 to 14 rows of tender sweet kernels....	.50	2.40	4.60	11.00
Hybrid Stowell's Evergreen. 93 days.....	.45	2.15	4.20	10.00
Ioana. 83 days.....	.40	1.95	3.80	9.25
Lochief. 83 days. Gold Medal, All-America Selections.....	.50	2.40	4.60	11.00
Marcross. 76 days.....	.45	2.15	4.20	10.00

Open-Pollinated Types

	5	10	25	100
	Lb.	lbs.	lbs.	lbs.
Early White. 60 days.....	\$0.40	\$1.80	\$3.40	\$8.00
Country Gentleman. 95 days.....	.35	1.60	3.00	7.00
Golden Bantam. 79 days.....	.35	1.60	3.00	7.00
Improved Golden Bantam. 84 days.....	.40	1.75	3.00	7.00
Stowell's Evergreen. 95 days.....	.35	1.55	2.90	7.00
Vanguard (Improved Howling Mob). 73 days.....	.40	1.80	3.40	8.00

CORN SALAD - Fetticus

	Oz.	¼ lb.	Lb.
Large-Leaved	\$0.35	\$1.10	\$3.25

HYBRID POP CORN

	5	10	25
	Lb.	lbs.	lbs.
White Giant. Deep, white, pointed kernels arranged in irregular rows on small cobs.....	\$0.60	\$2.95	\$5.70
Golden Giant.....	.60	2.95	5.70

DANDELION

	Oz.	¼ lb.	Lb.
Arlington Thick-Leaved. 95 days.....	½ oz. 85c.	\$1.75	\$5.25
Italian.....	.40	1.20	3.50

EGGPLANT

One ounce will produce 1000 to 2000 plants. Days quoted cover period that plants are set outside to marketable stage. From seed, add 30 days more.

	½ oz.	Oz.	¼ lb.	Lb.
Black Beauty. 80 days.....	\$0.40	\$0.75	\$2.25	\$6.75
Black Knight. 80 days.....	.65	1.20	3.50	
Florida High Bush. 85 days.....	.45	.80	2.40	7.10
Fort Myers Market. 85 days.....	.50	.90	2.70	8.00
New Hampshire Hybrid. 68 days.....	.50	.90	2.70	8.00
New York Improved. 83 days.....	.45	.80	2.40	7.10

GARLIC SETS

Lb. 65c.

ENDIVE - Chicory

One ounce will sow 200 feet of row.

	Oz.	¼ lb.	Lb.	5 lbs.
Full-Hearted Batavian. 88 days.....	\$0.25	\$0.60	\$1.75	\$8.50
Improved Green Curled. 95 days.....	.25	.60	1.75	8.50
White Curled. 95 days.....	.25	.60	1.75	8.50

ALL PRICES SUBJECT TO MARKET CHANGES

Seeds of Culinary and Medicinal Herbs

	½ oz.	Oz.	¼ lb.	Lb.
Anise	\$0.25	\$0.45	\$1.40	
Borage.....	.30	.50	1.50	
Caraway.....	.30	.50	1.50	
Chives.....	.60	1.00	3.00	
Coriander.....	.15	.25	.75	
Dill.....		.25	.60	1.75
Fennel, Finocchio or Florence.....		.25	.70	2.00
Lavender.....	.90	1.75		
Sage.....	.45	.85	2.50	7.50
Savory, Summer.....	.40	.65	1.75	
Sweet Basil.....	.40	.65	1.75	
Sweet Marjoram.....	.60	1.15	3.40	
Thyme, Broad-Leaved65	1.25	3.75	

Horseradish Roots

Maliner Kren	100	\$2.25; 1000	\$20.00
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KALE - Borecole

One ounce will sow 150 feet of drill; 3 pounds, an acre.

	Oz.	¼ lb.	Lb.
Dwarf Blue Scotch. 55 days.....	\$0.25	\$0.70	\$2.00
Dwarf Green Curled. 55 days.....	.25	.70	2.00
Siberian. 65 days.....	.20	.55	1.60

KOHLRABI

One ounce will sow about 200 feet of drill.

	Oz.	¼ lb.	Lb.
Early White Vienna. 55 days.....	\$0.35	\$1.00	\$3.00
Purple Vienna. 62 days.....	.35	1.00	3.00

LETTUCE

One ounce will produce about 2500 plants.

Heading Varieties

	Oz.	¼ lb.	Lb.
All Heart. 71 days.....	\$0.25	\$0.70	\$2.10
Bibb. 60 days.....	.40	1.10	3.20
Big Boston. 75 days.....	.25	.75	2.10
Great Lakes. 82 days. Bronze Medal, All-America Selections.....	½ oz. 35c.	.65	1.90
Iceberg. 84 days.....	.30	.85	2.45
Imperial No. 44. 82 days.....	.40	1.20	3.50
Imperial 447. 84 days. Brown blight-resistant variety with medium-large, hard, fine heads. Resists tipburn.....	.40	1.20	3.50
May King. 63 days.....	.25	.75	2.10
Mignonette. 66 days.....	.35	1.00	3.00
New York No. 12. 80 days.....	.35	1.00	3.00
Pennlake. 82 days. Bronze Medal, All-America Selections. The result of a cross between Great Lakes and Imperial No. 44.....	½ oz. 35c.	.65	1.90
Premier Great Lakes. 74 days. Bronze Medal, All-America Selections. Heads large and solid, weighing up to 2 pounds.....	½ oz. 35c.	.65	1.90
Progress. 80 days. A new variety of the Imperial type developed by the United States Department of Agriculture.....	½ oz. 30c.	.55	1.65
Salamander or Black-Seeded Tennis Ball. 65 days.....	.25	.75	2.10
White Big Boston. 82 days.....	.25	.75	2.10

Loose-Leaf or Cutting Varieties

	Oz.	¼ lb.	Lb.
Black-Seeded Simpson. 46 days. Ideal for mid-summer use as it withstands heat and drought.....	\$0.25	\$0.70	\$2.00
Early Curled Simpson. 45 days.....	.25	.70	2.00
Early Curled Silesian. 45 days.....	.25	.70	2.00
Grand Rapids. 43 days. The leading variety in this class for forcing under glass, but it may also be grown outdoors.....	.25	.70	2.00
Oak Leaf. 45 days. The leaves are broad, deeply lobed like an oak leaf, thick, succulent, and tender.....	.35	1.00	3.00
Slobolt. 45 days. A new variety that is very slow to develop seed stalks in hot weather.....	.50	1.50	4.50
Salad Bowl......	.65	1.90	5.60



LETTUCE, Great Lakes

Romaine or Cos Lettuce

	Oz.	¼ lb.	Lb.
Dark Green Cos. 66 days.....	\$0.25	\$0.65	\$1.85
Paris White Cos. 66 days.....	.20	.60	1.75

LEEK

One ounce will sow about 100 feet of drill.

	Oz.	¼ lb.	Lb.
American Flag. 142 days.....	\$0.45	\$1.25	\$3.75
Giant Carentan. 150 days.....	.50	1.45	4.25

WATERMELONS

One ounce will sow 30 hills; 4 pounds, an acre.

	Oz.	¼ lb.	Lb.	5 lbs.
Blacklee. 90 days. An excellent variety with a very high degree of resistance to fusarium wilt. Fruits are medium large, cylindrical and blotchy, dark blue-green color. Flesh is deep red, firm and sweet.....	\$0.30	\$0.80	\$2.40	\$11.75
Congo. 90 days. Bronze Medal, All-America Selections.....	.30	.80	2.40	11.75
Dixie Queen. Wilt resistant. 85 days.....	.30	.80	2.40	11.75
Harris' Earliest. 75 days.....	.25	.65	2.00	9.75
Hawksbury. Wilt resistant. 90 days.....	.30	.80	2.40	11.75
Kleckley's Sweets. 85 days.....	.25	.65	2.00	9.75
New Hampshire Midget. 67 days. Gold Medal, All-America Selections.....	.50	1.50	4.50	22.25
Tom Watson. 95 days.....	.25	.65	2.00	9.75

MUSKMELON or CANTALOUPE

	Oz.	¼ lb.	Lb.	5 lbs.
Casaba Golden Beauty. 112 days.....	\$0.35	\$1.00	\$3.00	\$14.75
Craig. 90 days.....	.30	.80	2.40	11.75
Emerald Gem. 85 days.....	.30	.80	2.40	11.75
Fordhook. 88 days.....	.35	.95	2.80	13.75
Golden Delight. 90 days. All-America Bronze Medal Winner.....	.50	1.50	4.50	22.25
Hale's Best. No. 36. 82 days.....	.30	.80	2.30	11.25
Hearts of Gold. 90 days.....	.30	.80	2.30	11.25
Honey Dew. 112 days.....	.35	.95	2.80	13.75
Honey Rock. 81 days.....	.30	.85	2.80	13.75
Delicious. 83 days.....	.35	1.10	3.25	16.00
Bender's Surprise. 90 days.....	.30	.80	2.30	11.25
Pride of Wisconsin. 90 days.....	.30	.85	2.55	12.50
Rocky Ford. 92 days.....	.30	.85	2.40	11.75

MUSHROOM SPAWN

Pure Spore Culture Spawn

Per carton	\$ 1.25
12 cartons	14.40
25 cartons	28.75
60 cartons	66.00

Pure Culture Brick Spawn

Per brick	\$ 0.40
Per 5 bricks	1.90
Per 10 bricks	3.50
Per 25 bricks	7.00
Per 100 bricks	25.00

MUSTARD

One ounce will sow 75 feet of row.

	¼ lb.	Lb.	5 lbs.
Fordhook Fancy. 35 days.....	\$0.35	\$1.00	\$4.50
Southern Giant Curled. 35 days.....	.35	1.00	4.50
Tendergreen or Spinach Mustard.....	.35	1.00	4.50

OKRA - Gumbo

One ounce will sow 100 feet of row.

	¼ lb.	Lb.	5 lbs.
Clemson Spineless. 55 days.....	\$0.30	\$0.90	\$4.25
Dwarf-Stalked Long Green-Pod. 52 days.....	.30	.90	4.25
Emerald. 55 days.....	.60	1.75	8.50
Perkins Mammoth Long Pod. 64 days.....	.30	.90	4.25
White Velvet or Creole. 60 days.....	.30	.90	4.25

ONION

One ounce will sow 100 feet of row; 5 to 6 pounds, an acre.
If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

	½ oz.	Oz.	¼ lb.	Lb.
White Bunching. 60 days.....	\$0.25	\$0.45	\$1.35	\$4.00
Bermuda White. 93 days.....	.30	.50	1.40	4.10
Early Yellow Globe. 98 days.....	.20	.40	1.25	3.75
Ebenezer. 100 days.....	.20	.35	1.25	3.50
Prizetaker. 105 days.....	.35	.60	1.70	5.00
Sweet Spanish. Utah Strain. 110 days....	.35	.60	1.70	5.00
Yellow Globe Danvers. 110 days.....	.20	.35	1.25	3.75
Southport Red Globe. 110 days.....	.20	.35	1.25	4.00
Southport White Globe. 110 days.....	.30	.55	1.75	4.75
Southport Yellow Globe. 115 days.....	.20	.35	1.25	3.75
White Portugal or Silverskin. 110 days...	.25	.45	1.35	4.00
Hybrid Onion. 142 days.....	1.25	2.25	7.25	22.50

ONION SETS

One pound will plant 50 feet of row; 8 bushels an acre. 32 lbs. per bu. Shipped on local orders after March 15, unless otherwise requested. Prices on application.

White.	Yellow.	Shallots.
Tree or Top Onions. Ready September 15. 28 lbs. per bu.		
Prices on application.		

PARSLEY

One ounce will sow 150 feet of row; 5 pounds, an acre.

	Oz.	¼ lb.	Lb.	5 lbs.	10 lbs.
Peerless. 84 days. This strain is very hardy. Right length for bunching.....	\$0.25	\$0.55	\$1.65	\$8.00	\$15.50
Champion Moss Curled. 70 days.....	.20	.50	1.50	7.25	14.00
Double Curled. 70 days.....	.20	.50	1.50	7.25	14.00
Hamburg or Rooted. 90 days.....	.20	.50	1.50	7.25	14.00
Plain or Single. 72 days.....	.25	.55	1.65	8.00	15.50

PARSNIP

One ounce will sow 100 feet of row.

	Oz.	¼ lb.	Lb.	5 lbs.
Improved Hollow Crown. 95 days.....	\$0.25	\$0.55	\$1.65	\$8.00

PEANUTS

Selected Virginia. 145 days.....	.50	2.25
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ALL PRICES SUBJECT TO MARKET CHANGES

PEAS

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre.

Extra-Early Varieties

	5	10	100
	Lb.	lbs.	lbs.
Alaska. 56 days.....	\$0.30	\$1.35	\$2.50
Blue Bantam. 55 days.....	.35	1.60	3.00
Early Bird. 60 days.....	.30	1.45	2.70
Mammoth Pod Extra Early. 50 days.....	.35	1.60	3.00
Early June. 55 days.....	.30	1.35	2.50
Gradus or Prosperity. 60 days.....	.35	1.50	2.80
Laxtonian. 63 days.....	.35	1.50	2.80
Laxton's Progress. 62 days.....	.35	1.50	2.80
Little Marvel. 64 days.....	.30	1.45	2.70
Meteor. 54 days.....	.35	1.50	2.80
First & Best. 56 days.....	.30	1.35	2.50
Freezonian. 62 days. Bronze Medal, All-American Selections.....	.30	1.45	2.70
Thomas Laxton. 62 days.....	.30	1.45	2.70

Second-Early and Later Varieties

Alderman. 74 days.....	.35	1.50	2.80
Daisy or Dwarf Telephone. 76 days.....	.35	1.50	2.80
Tall Telephone. 75 days.....	.35	1.50	2.80

Sugar or Edible-Podded Peas

Dwarf Gray Sugar. 65 days.....	.30	1.45	2.70
Tall Luscious Sugar. 74 days.....	.30	1.45	2.70
Mammoth Melting Sugar. 72 days.....	.35	1.65	3.10

PEPPER

One ounce will produce about 1200 plants.

	1/2 oz.	Oz.	1/4 lb.	Lb.
Bell or Bull Nose. 64 days. Special.....	\$0.35	\$0.65	\$1.75	\$5.50
California Wonder. 75 days.....	.45	.80	2.40	7.25
Calwonder Early. 68 days. Plants are vigorous and prolific, with attractive fruits. Thick, sweet, mild flesh, deep green changing to bright red.....	.50	.85	2.50	7.40
Chinese Giant. 80 days.....	.45	.85	2.40	7.20
Hungarian Wax. Hot. 65 days.....	.50	.90	2.65	8.00
Keystone Wonder Giant. 74 days.....	.55	1.10	3.25	9.75
King of the North. 64 days.....	.40	.75	2.25	6.75
Large Red Cherry. Hot. 82 days.....	.45	.85	2.50	7.50
Long Red Cayenne. Hot. 70 days.....	.45	.85	2.50	7.50
Oshkosh. 70 days. Deep glossy green when young, turning to canary-yellow at maturity.....	.50	.95	2.85	8.50
Pimiento. 73 days.....	.45	.85	2.50	7.50
Red Chili. 80 days. Hot.....	.40	.75	2.25	6.75
Ruby King. 68 days.....	.45	.70	2.15	6.50
Sunnybrook (Tomato or Squash).....	.45	.75	2.25	7.00
Sweet Banana.....	.55	.95	2.90	9.00
Vinedale. 62 days.....	.65	1.20	3.50	10.00
World Beater No. 13. 68 days.....	.40	.70	2.15	6.50



PEPPER,
California
Wonder

PUMPKIN

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre.

	Oz.	1/4 lb.	Lb.	5 lbs.
Connecticut Field. 118 days.....	\$0.20	\$0.50	\$1.50	\$7.00
King of the Mammoths. 120 days.....	.25	.65	1.80	8.50
Large Cheese. 108 days.....	.25	.50	1.50	7.00
Mammoth Cushaw. 112 days.....	.20	.55	1.50	7.25
Small Sugar. 110 days.....	.25	.50	1.50	7.25
Winter Luxury. 100 days.....	.25	.50	1.50	7.25

RHUBARB

	Oz.	1/4 lb.	Lb.
Victoria	\$0.30	\$0.90	\$2.50

RHUBARB ROOTS

Ready April 1 for spring planting; October 1, for fall planting.

	10 roots	25 roots	100 roots
MacDonald Red	\$4.65	\$11.25	\$43.00
Victoria	1.95	4.85	19.00



RADISH, Cherry Belle

RADISH

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre.

Early Varieties

	1/4 lb.	Lb.	5 lbs.	10 lbs.
Cavalier. 23 days.....	\$0.40	\$1.00	\$4.75	\$9.00
Cherry Belle. Round and red as a Cherry, with short top. 25 days.....	Oz. 20c.	.45	1.35	6.50
Comet. 25 days.....	.35	1.05	5.00	9.50
Crimson Giant. 28 days.....	.40	1.00	4.75	9.00
Early Scarlet Globe. 25 days.....	.40	1.00	4.75	9.00
Early Deep Scarlet Forcer. 25 days.....	.50	1.25	6.00	11.50
Long White Icicle. 27 days.....	.40	1.00	4.75	9.00
Long Scarlet Short-Top. 28 days.....	.40	1.00	4.75	9.00
Round Red or Button. 23 days.....	.40	1.00	4.75	9.00
Scarlet Turnip, White-Tipped. 26 days.....	.35	.95	4.50	8.50

Summer and Winter Varieties

Celestial or White Chinese. 60 days.....	.40	1.00	4.75	9.00
Long Black Spanish. 58 days.....	.40	1.00	4.75	9.00
Round Black Spanish. 56 days.....	.40	1.00	4.75	9.00

ALL PRICES SUBJECT TO MARKET CHANGES

SALSIFY - Oyster Plant

One ounce will sow 50 feet of drill; 10 pounds, an acre.

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island. 160 days.....	\$0.50	\$1.50	\$4.50

SQUASH

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre.

Oz. ¼ lb. Lb. 5 lbs.

Caserta. 50 days. Gold Medal All-America Selections. It is a bush type, with fruits 7 to 8 inches long, light green color with broken stripes of dark green.....	\$0.25	\$0.65	\$1.85	\$9.00
Cocozelle or Italian. Vegetable Marrow. 64 days.....	.25	.65	1.85	9.00
Early Green Tint Bush Scallop. 52 days. A most attractive type of Scallop Squash with a delicate fresh green color at the edible stage.....	.25	.65	1.75	8.50
Early Prolific Straightneck. 50 days.....	.25	.65	1.85	9.00
Giant Straightneck. 60 days.....	.25	.65	1.85	9.00
Early Yellow Summer Crookneck. 52 days..	.25	.60	1.75	8.50
Early White Bush. 52 days.....	.25	.60	1.75	8.50
Table Queen or Acorn. 58 days.....	.25	.65	1.85	9.00
Uconn. 50 days. Gold Medal All-America Selections, 1950. A new early bush type of green Acorn Squash that can be grown in a very limited space.....	.25	.50	1.50	7.25
Zucchini. 62 days.....	.25	.55	1.60	7.75

Fall and Winter Varieties

Blue Hubbard. 110 days.....	.25	.65	1.90	9.25
Boston Marrow. 97 days.....	.25	.50	1.50	7.25
Buttercup.....	.35	1.05	3.10	15.25
Butternut. 90 days.....	.25	.75	2.25	11.00
Delicious. 102 days.....	.30	.75	2.20	10.75
Green Hubbard. 105 days.....	.25	.60	1.75	8.50

SPINACH

One ounce will sow 75 feet of drill; 10 to 12 pounds, an acre.

	¼ lb.	Lb.	5 lbs.	10 lbs.	100 lbs.
Bloomsdale Long-Standing Savoy. 42 days.....	\$0.25	\$0.60	\$2.75	\$5.30	\$50.00
King of Denmark. 46 days.....	.25	.60	2.75	5.30	50.00
Juliana Market Gardeners. 48 days.....	.25	.60	2.75	5.30	50.00
Nobel Giant Thick-Leaf. 43 days.....	.25	.60	2.75	5.30	50.00
Virginia Blight-Resistant Savoy. 39 days.....	.25	.60	2.75	5.30	50.00
New Zealand. 70 days.....	Oz. 20c.	.35	1.00	4.75	9.00

SWISS CHARD

(See page 38)

SORREL

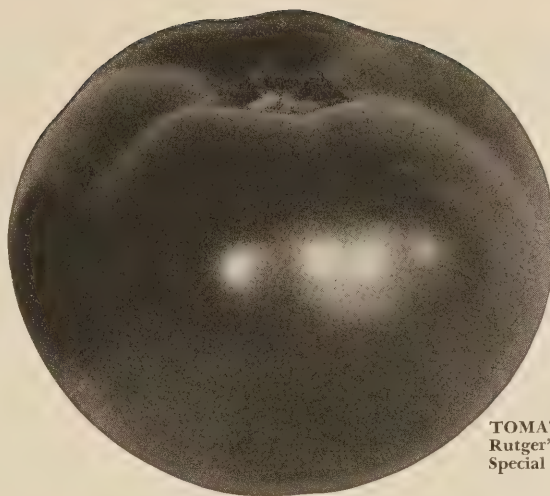
	½ oz.	Oz.	¼ lb.	Lb.	5 lbs.
Broad-Leaved French. 60 days.....	\$0.35	\$0.65	\$1.75	\$5.00	\$24.50

TOMATO

One ounce will produce 3500 plants; ¼ pound, enough for an acre. ALL VARIETIES OF TOMATOES MARKED "SPECIAL STRAIN" ARE CERTIFIED STOCK

½ oz. Oz. ¼ lb.

Hybrid Early Prolific. 58 days. A true first-generation hybrid with excellent dark red fruit. 1/16 oz. \$2.50; ½ oz. \$4.50; ¼ oz. \$8.00.....	\$14.00	\$25.00	\$80.00
Mitchell's Hybrid Early Delicious. 60 days. Heavy early yielder. Fruit medium large, color deep red, very smooth, uniform in shape and size. 1/16 oz. \$2.00; ½ oz. \$3.75; ¼ oz. \$7.00.....	12.00	22.00	75.00
Mitchell's Hybrid Early Giant. 62 days. 1/16 oz. \$4.00; ½ oz. \$6.00; ¼ oz. \$10.00.....	18.00	35.00	110.00
Mitchell's Hybrid Mr. Big. 72 days. Fruits are globular and slightly flattened, bright red, solid fleshed and excellent flavor. 1/16 oz. \$4.00; ½ oz. \$6.00; ¼ oz. \$10.00.....	18.00	35.00	110.00
Hybrid Tomatoes. 1/16 oz. ¼ oz. Oz.			
Stokecross No. 4	\$0.50	\$1.50	\$5.00



TOMATO,
Rutgers
Special Strain

	½ oz.	Oz.	¼ lb.	Lb.
Bonny Best. 73 days.....	\$0.45	\$0.85	\$2.60	\$ 8.00
Break o' Day. 70 days.....	.45	.85	2.60	8.00
Crimson Cushion. 90 days. Immense, crimson-scarlet, solid fruit.....	.55	.95	2.85	8.50
Earliana (Penn State). 66 days.....	.50	.90	2.75	8.25
Garden State. 84 days.....	.50	.90	2.75	8.00
Golden Ponderosa. 88 days.....	.85	1.50	4.00	
Italian Salad. 73 days.....	.90	1.65	4.90	
June Pink. 69 days.....	.45	.85	2.60	8.00
Jubilee. 72 days. Bright orange-yellow.....	.50	.90	2.70	8.00
Marglobe, Special Strain. 77 days. An extra-fine selection of the originator's stock.....	.45	.80	2.35	7.00
Marglobe. 77 days.....	.35	.60	1.75	5.25
Oxheart. 90 days.....	.65	1.20	3.50	10.20
Pan America. 75 days.....	.45	.85	2.60	8.00
Ponderosa. 88 days.....	.45	.85	2.50	7.50
Pritchard Special Strain.....	.45	.80	2.40	7.20
Queens. 70 days. Ripens between Valiant and Rutgers.....	.50	.90	2.70	8.00
Rutgers. Special Strain. 78 days.....	.35	.65	1.85	5.50
Rutgers. 78 days.....	.25	.45	1.35	4.25
Southland. 100 days. A standard variety highly resistant to fusarium wilt.....	.75	1.25	3.50	10.00
Stokesdale.....	.40	.75	2.20	6.50
Stone. 86 days.....	.40	.70	2.00	6.00
Sunray. 72 days.....	.55	1.00	3.00	11.00
Urbana. 72 days. Honorable Mention, All-America Selections.....	.50	.90	2.70	8.00
Valiant. 66 days.....	.40	.75	2.20	6.50
Victor. 66 days.....	.60	1.10	3.25	9.75

Forcing Tomatoes

1/16 oz. ½ oz. ¼ oz. ½ oz. Oz.

Selania. Very resistant to diseases; very early and prolific. The fruits are very round, bright red.....	\$1.50	\$2.50	\$4.50	\$8.00	\$15.00
Michigan State Forcing......	.60		1.10	2.00	

Small-Fruited Tomatoes

	½ oz.	½ oz.	Oz.
Red Cherry	\$0.35	\$0.65	\$1.20
Red Pear.....	.35	.65	1.20
Red Plum.....	.35	.65	1.20
Yellow Cherry.....	.35	.65	1.20
Yellow Plum.....	.35	.65	1.20
Yellow Pear.....	.35	.65	1.20

TURNIP

One ounce will sow 100 feet of drill; 2 pounds an acre, broadcast.

	¼ lb.	Lb.	5 lbs.	10 lbs.
Early Purple-Top Flat. 46 days.....	\$0.40	\$1.00	\$4.50	\$8.00
Shogoin. 30 days.....	.40	1.00	4.50	8.00
Purple-Top White Globe. 57 days.....	.40	1.00	4.50	8.00
Snowball. 40 days.....	.40	1.00	4.50	8.00
Southern Seven-Top......	.40	1.00	4.50	8.00
Yellow Globe or Amber. 75 days.....	.40	1.00	4.50	8.00

RUTABAGA

American Purple-Top Yellow. Special strain. 90 days.....	.40	1.00	4.50	8.00
Purple-Top Yellow.....	.30	.75	3.65	7.00
Golden Neckless. 85 days.....	.45	1.25	6.00	11.50



Lawn Seed Mixtures

Famous Since 1890



Price should not be the prime consideration when buying Lawn Seed. Low-quality seed may be the cause of endless trouble, in addition to setting the result of expensive labor and preparation at naught.

Our connections with the most reliable producers in this country and abroad place us in a position of advantage for our supplies, chiefly because of the large volume of Lawn Seed for which we contract.

We are always pleased to submit samples, with prices, for comparison and let our customers be the judges.

"GREEN VELVET"

A blend of strong and permanent grasses suitable for the finest lawn. With proper care this mixture will produce a fine, deep-rooted turf, sturdy enough to withstand constant use.

10 lbs. \$15.30, 25 lbs. \$37.80, 100 lbs. \$148.50.

"EVERGREEN"

This mixture will produce a very desirable turf of fine-bladed, hardy grasses capable of withstanding considerable wear and periodic dry spells.

10 lbs. \$12.25, 25 lbs. \$30.00, 100 lbs. \$117.00

"FAIRMOUNT PARK"

A mixture meeting the requirements of those desiring a moderately priced grass seed. Satisfactory for the average lawn.

10 lbs. \$7.70, 25 lbs. \$18.65, 100 lbs. \$72.00.

"SHADED LAWN"

Will produce a healthy turf in heavily shaded places where other grasses may not survive.

10 lbs. \$11.35, 25 lbs. \$27.70, 100 lbs. \$108.00.

"GREENDEL"

A quick-growing formula, producing a very satisfactory turf. Recommended for landscape work where price is an important consideration.

10 lbs. \$5.50, 25 lbs. \$13.00; 100 lbs. \$49.50.

WHITE DUTCH CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired.

Lb. \$1.20; 5 lbs. \$5.60; 10 lbs. \$10.35; 25 lbs. \$23.60; 100 lbs. \$75.00.

Grasses in Separate Varieties

	10 lbs.	25 lbs.	100 lbs.
Seaside Bent	\$17.25	\$41.50	\$144.00
Astoria Bent	15.25	37.25	128.00
Colonial Bent	15.25	37.25	128.00
Kentucky Blue Fancy	25.25	61.75	216.00
Merion Blue	44.00	109.00	384.00
Kentucky-31 Fescue	5.80	13.50	44.00
Chewing Fescue	9.50	22.50	76.00
Creeping Red Fescue	8.50	20.25	68.00
Meadow Fescue	5.80	13.50	44.00
Poa Trivialis	13.50	32.60	112.00
Red Top Fancy	14.40	34.85	120.00
Rye, Domestic	3.50	7.85	24.00
Rye, Perennial	4.50	10.10	32.00
Timothy	5.00	11.25	36.00

HIGH-GRADE FARM SEEDS

We carry a complete line of all Clovers and miscellaneous Farm Seeds. Constant market fluctuations on Farm Seeds make it inadvisable to list prices. We will be pleased to quote on application. Please specify quantity required.

All Prices Subject to Change

Lawn Seed - For Resale

Michell's attractively packaged Lawn Seed is being sold by an increasing number of florists throughout the country every year. This is a very popular and profitable item to handle in the spring and fall. Sell a product put out by one of the largest, oldest and most dependable seed houses in America. Liberal discounts.

Write for dealers' prices on grass seed and also on insecticides, fertilizers and lawn conditioners. Remember Michell's have "Everything for BETTER Gardening."



Michell's



TUBEROUS BEGONIA

High Quality Bulbs

Begonias - Tuberous Rooted

CULTURE

Start forcing February, March or April, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.

DOUBLE CAMELLIA FLOWERED

BELGIAN GROWN

Delivery—December, January.

Orange, Pink, Salmon, Rose, Scarlet, Yellow, White, and Mixed.

PRICES		
Per 25	Per 100	Per 1000
\$3.00	\$11.00	\$ 95.00
4.50	16.00	145.00

Size
1½-2" → 2-2½"

CALIFORNIA GROWN

Delivery—January-February.

White, Pink, Scarlet, Orange, Yellow, Salmon, Apricot and Mixed.

PRICES		
Per 25	Per 100	Per 1000
\$4.00	\$15.00	\$140.00
5.25	19.50	185.00

PENDULA or HANGING BASKET TYPE—Belgian Grown

Available in mixed colors only.

1½ to 2 inches: 25 for \$3.50; \$12.50 per 100; \$115.00 per 1,000.

SINGLE FRILLED—Belgian Grown

Orange, Pink, Scarlet, Yellow, Rose, Salmon, White and Mixed.

1½ to 2 inches: 25 for \$3.00; \$11.00 per 100; \$95.00 per 1000.

Gloxinias

An ideal pot plant for Mother's Day, Decoration Day, or for spring bedding, as they always command a good price.

Blanche de Meru. Pink.

Emperor Frederick. Enormous red flowers bordered white.

Emperor William. Purple, bordered white.

Etoile de Feu. Scarlet.

Mont Blanc. White.

Roi des Rouges. Dark red.

Tigrina. Tigered and spotted.

Violacea. Purple.

Choice Mixed Colors.

25 for \$4.50	1½ to 2-in. bulbs	1000 for \$150.00
	100 for \$16.00	
25 for \$6.00	2- to 2½-in. bulbs	1000 for \$210.00
	100 for \$22.50	

Canna Roots

Our roots are extra strong, contain plenty of eyes, and are absolutely true to name.

50 Cannas of any one variety at 100 rate;
250 at 1000 rate.

Ambassador. Brilliant cherry-red. Blooms early. Bronze foliage. 4 ft.

City of Portland. Large; glowing pink. Profuse bloomer. Green foliage. 3½ ft.

Hungaria. Flowers large; rich peach-blossom-pink. Dwarf, compact. Green foliage. 3½ ft.

King Humbert. Immense heads of coppery scarlet flowers. Bronze foliage. Of majestic growth. 4½ feet.

Richard Wallace. Light yellow flowers. Very floriferous. Green foliage. 4½ ft.

The President. Immense, rich, glowing scarlet flowers. Green foliage. 4 ft.

Yellow King Humbert. Flowers golden yellow, dotted red. Massive. Green foliage. 4½ ft.

Each of the above: 25 for \$2.25, 100 for \$7.00, 1000 for \$60.00.



GLOXINIA

Michell's High Quality

Holland Grown

PINK, ROSE and SALMON SHADES

	No. 1		No. 2	
	1 1/2"-1 3/4"	1000	1 1/4"-1 1/2"	1000
M. Albert Hall. Immense large brilliant shiny pink, extra.....	\$2.70	\$23.00	\$2.00	\$16.00
M. Bloemfontein. Salmon-pink, extra cut-flower variety.....	2.40	20.00	1.70	13.00
VE. Dr. Fleming. Bright pink with large blotch, ruffled.....	2.50	21.00	1.80	14.00
M. General Eisenhower. The largest and best salmon-pink.....	2.40	20.00	1.70	13.00
E. Gloriosa. Very large begonia-rose-pink.....	2.50	21.00	1.80	14.00
M. Leeuwenhorst. Bright pink, very large and very popular.....	2.40	20.00	1.70	13.00
M. Liberation. Orange-salmon, large yellow mark, extra.....	2.90	25.00	2.00	16.00
M. Picardy. "Select." Our stock is healthy; deep salmon-pink.....	3.40	30.00	2.40	20.00
M. Pinkie. Deep pink with small red mark.....	3.20	28.00	2.40	20.00
M. Rosa Van Lima. Bright shell-pink, white spot.....	2.70	23.00	2.00	16.00
M. Sweet Seventeen. Light shell-pink.....	2.70	23.00	2.00	16.00
M. Tivoli. Real "candy" pink, small creamy white center, very shiny and extra.....	2.90	25.00	2.00	16.00

RED and MAROON SHADES

M. Ankara. Glowing and shiny maroon, extra fine.....	2.90	25.00	2.00	16.00
E. Benelux. Light salmon-pink, large white spot, extra.....	3.70	33.00	2.65	22.50
VE. Blazing Fire. Fiery bright vermilion-red, extra.....	2.90	25.00	2.00	16.00
E. Boulogne. Deep very shiny wine-red, really extra.....	2.90	25.00	2.00	16.00
VE. Johann Strauss. Early, very large red, extra.....	2.40	20.00	1.70	13.00
M. Johan Van Konynenburg. Brilliant vermilion-orange, popular.....	3.70	33.00	2.65	22.50
M. Mansoor. Shiny deep maroon-red.....	2.70	23.00	2.00	16.00
L. Marshall Montgomery. The finest and most shiny, largest and best brilliant maroon-red.....	2.70	23.00	2.00	16.00
E. Modern Times. Light wine-red, on petals narrow yellow striped, very popular.....	2.90	25.00	2.00	16.00
L. New Europe. Brilliant and real dazzling orange-scarlet.....	3.30	29.00	2.50	21.00
M. New York. The finest intense carmine-red, extra.....	2.90	25.00	2.00	16.00
M. Normandie. Lobster-red, very light scarlet blotch.....	2.70	23.00	2.00	16.00
E. Red Fox. Early, intense deep crimson-red.....	2.40	20.00	1.70	13.00
M. Topscore. Vermilion-red, carmine blotch.....	2.90	25.00	2.00	16.00
E. Uncle Tom. Intense deep maroon-red, very glossy and shiny.....	2.70	23.00	2.00	16.00
M. Vincent Van Gogh. Light orange-red.....	4.00	36.00	2.60	22.00

YELLOW and ORANGE SHADES

VE. Acca Laurentia. Bright orange, yellow spot.....	2.40	20.00	1.70	13.00
E. Adinda. Sulphur-yellow, red marking.....	2.40	20.00	1.70	13.00
M. Aranjuez. Brilliant orange with yellow spot.....	2.70	23.00	2.00	16.00
E. Bit O' Heaven. Orange with yellow spot.....	2.40	20.00	1.70	13.00
E. Bouton D'Or. Intense deep golden yellow, extra.....	2.40	20.00	1.70	13.00
M. Gold Dust. Deep yellow.....	2.40	20.00	1.70	13.00
E. Golden Favorite. Deep golden yellow.....	2.40	20.00	1.70	13.00
M. Hans Van Meegeren. Very bright clear deep yellow.....	2.40	20.00	1.70	13.00
VE. Hokus Pokus. Very early yellow, large red blotch.....	2.90	25.00	2.00	16.00
M. Hopman's Glory. Bright yellow, the most popular.....	2.70	23.00	2.00	16.00
M. Java. Deep sulphur-yellow, extra.....	2.40	20.00	1.70	13.00
M. Maskerade. Bright yellow, large red blotch.....	2.40	20.00	1.70	13.00
M. Spotlight. Bright yellow, small red mark.....	2.90	25.00	2.00	16.00

LAVENDER and PURPLE SHADES

	No. 1		No. 2	
	1 1/2"-1 3/4"	1000	1 1/4"-1 1/2"	1000
E. Abu Hassan. Deep shiny pansy-blue.....	\$3.70	\$33.00	\$2.30	\$19.00
M. Cardinal Spellman. Shiny magenta.....	2.90	25.00	2.00	16.00
VE. Lavender Dream. Lilac-lavender, early.....	2.90	25.00	2.00	16.00
M. Lilac Time. Clear, bright lilac, deep violet blotch, extra.....	3.70	33.00	2.70	23.00
E. Memorial Day. The finest, clearest and largest purple, the most popular.....	2.90	25.00	2.00	16.00
L. Mrs. Marks Memory. Bright magenta.....	2.90	25.00	2.00	16.00
M. Musio Clementi. Lavender-blue.....	3.50	31.00	2.30	19.00
M. Paul Rubens. Violet-purple, very popular.....	2.90	25.00	2.00	16.00
M. Puccini. A very bright and clear violet, unusual and beautiful color.....	2.90	25.00	2.00	16.00
M. Ravel. Lavender-blue, red markings in throat.....	5.30	49.00	3.90	35.00

WHITE and CREAM SHADES

	No. 1		No. 2	
	1 1/2"-1 3/4"	1000	1 1/4"-1 1/2"	1000
M. Alaska. Pure white.....	\$2.70	\$23.00	\$2.00	\$16.00
VE. June Bells. The earliest and most popular white.....	2.90	25.00	2.00	16.00
E. Morning Kiss. By far the most popular white, extra commercial.....	2.70	23.00	2.00	16.00
M. Odette Sansom. Pure white, small red spot, long spike.....	2.90	25.00	2.00	16.00
M. Pax. Pure white, small violet spot.....	2.40	20.00	1.70	13.00
M. Roosevelt's Memory. Immense large ivory-white.....	2.90	25.00	2.00	16.00
M. Salman's Glory. Creamy white with large red mark, immense.....	4.30	39.00	3.20	28.00
M. Silentium. Pure white, small red mark.....	2.70	23.00	2.00	16.00
L. Snow Princess. Pure white, small creamy center, popular.....	2.40	20.00	1.70	13.00
M. Vrede. Very large pure white.....	4.30	39.00	3.20	28.00

ODD SHADES

M. Silhouette. Smoky, violet-brown and red.....	2.40	20.00	1.70	13.00
M. Uhu. Lobster-red, lilac stripes.....	2.90	25.00	2.00	16.00



Minimum Order 100 of a variety. Deliveries starting approximately Dec. 1st. Allow approximately 3 weeks for delivery.

250 or more of a variety at the 1000 rate.

If interested in smaller sizes kindly write for price list.

E—Early, VE—Very early, M—Midseason, L—Late.

Gladiolus

American Grown

Minimum Order 100 Bulbs of a Variety
All Bulbs are High Crown, Clean and Free From Disease and Thrip

PINK, SALMON and ROSE

	No. 1 1½"-1¾"		No. 2 1¼"-1½"	
	100	1000	100	1000
Beauty's Blush. Soft blush-pink.....	\$4.80	\$42.00	\$3.80	\$33.00
Chamouny. Cerise-rose, edged silver.....	4.80	42.00	3.80	33.00
Ethel Cave Cole. Large, light pink.....	4.30	37.00	3.10	27.00
Friendship. Early, medium pink, nicely ruffled.....	6.70	58.00	5.30	46.00
General Eisenhower. Beautiul begonia-rose.....	4.30	37.00	3.10	27.00
Leeuwenhorst. Early, large light rose-pink.....	4.80	42.00	3.80	33.00
Margaret Fulton. Medium dark salmon.....	3.80	33.00	3.00	25.00
Picardy. Delicate apricot-pink.....	5.75	50.00	4.60	40.00
Rosa Van Lima. Apple-blossom-pink, large.....	3.80	33.00	3.00	25.00
Spic and Span. Ruffled bright pink.....	5.75	50.00	4.80	42.00
Tivoli. Salmon-rose-pink.....	4.80	42.00	3.80	33.00

RED and MAROON

Boulogne. Silky wine-red.....	4.80	42.00	3.80	33.00
Burma. Giant deep rose-red, heavily ruffled.....	4.80	42.00	3.80	33.00
Mansoor. Blood-red.....	4.80	42.00	3.80	33.00
New Europe. Sparkling orange-scarlet.....	4.25	37.00	3.50	30.00
Red Charm. Bright medium red.....	3.80	33.00	3.00	25.00
Stoplight. Brilliant red, slightly ruffled.....	4.80	42.00	3.50	30.00
Valeria. Clear red with a silky sheen.....	4.80	42.00	3.80	33.00

WHITE and CREAM

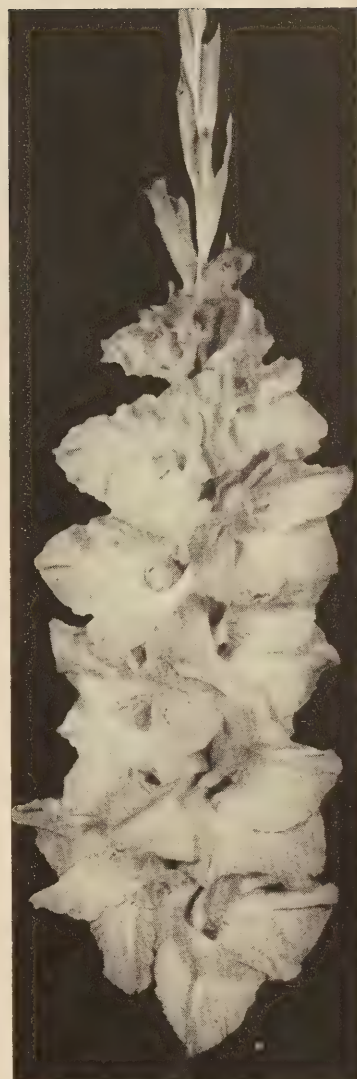
Corona. Creamy white with rosy lavender edge.....	5.75	50.00	4.60	40.00
Florence Nightingale. Best white, slightly ruffled.....	5.75	50.00	4.60	40.00
June Bells. Large white, excellent variety.....	3.80	33.00	3.00	25.00
Margaret Beaton. Clear white, orange-red blotch.....	3.80	33.00	3.00	25.00
Salmon's Glory. Cream with red throat.....	4.80	42.00	3.80	33.00
Snow Princess. Pure white, similar to Maid of Orleans.....	3.80	33.00	3.00	25.00
White Gold. Creamy white with cream throat.....	3.80	33.00	3.00	25.00

YELLOW and ORANGE

Betty Duncan. Large orange, golden throat.....	7.60	67.00	6.20	54.00
Bit O'Heaven. Bright orange.....	4.60	40.00	3.50	30.00
Gold Dust. Deep yellow, pencilled rose.....	4.60	40.00	3.50	30.00
Hopman's Glory. Popular yellow.....	3.80	33.00	3.00	25.00
October Sunshine. Excellent orange blending to golden yellow.....	4.80	42.00	3.80	33.00
Pactolus. Apricot-cream, orange-red blotches.....	4.80	42.00	3.80	33.00
Spotlight. Pure yellow with scarlet blotch in throat.....	4.80	42.00	3.80	33.00

LAVENDER, BLUE and PURPLE

	No. 1 1½"-1¾"		No. 2 1¼"-1½"	
	100	1000	100	1000
Abu Hassan. Deep violet-blue. One of the best.....	\$5.75	\$50.00	\$4.60	\$40.00
Elizabeth the Queen. Light lavender with deeper throat.....	3.80	33.00	3.00	25.00
King Lear. Deep reddish-purple, silvery edge.....	4.30	37.00	3.25	28.00
Myrna Fay. Rich Orchid-like lavender.....	4.30	37.00	3.10	27.00
Ravel. Violet-blue with reddish brown markings.....	5.75	50.00	4.60	40.00
Sherwood. Ruffled deep purple, slightly darker throat.....	4.80	42.00	3.80	33.00
Wedgewood. Waxy ruffled lavender with cream throat.....	4.80	42.00	3.80	33.00



LEEUEWENHORST

SMOKY

	No. 1 1½"-1¾"		No. 2 1¼"-1½"	
	100	1000	100	1000
Bagdad. Delicate smoky old rose, deepening toward edges, lighter throat.....	\$4.30	\$37.00	\$3.10	\$27.00

MIXED

Michell's Giant Flowering. All colors.....	3.80	33.00	3.00	25.00
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MICHELL'S GLADIOLUS COMBINATIONS

We suggest planting every two weeks to assure succession of bloom.

Each variety separately packed and labeled in a complete color range.

For Cut Flowers

Elizabeth the Queen	Ravel
Gene	Red Charm
June Bells	Rosa Van Lima
Leeuwenhorst	Snow Princess
Picardy	Valeria

1,000 bulbs—100 each above 10 varieties—Special Price \$39.50.

If sold out we will substitute with others of equal or better quality and value. All bulbs No. 1 size.

For the Home Garden

Abu Hassan	Friendship
Burma	Spic and Span
Boulogne	Spotlight
Florence Nightingale	White Gold

800 bulbs—100 each of above 8 varieties—Special Price \$36.50.

Michell's



Bright and Varied Colors Big and Profuse Leaves

As a pot plant for decorative purposes there is nothing finer than the large and multi-colored Caladium.

The Caladium is a tropical plant and does best in very warm temperatures, 90° or more. They will grow in lower temperatures, but performance is proportionally less desirable in growth and coloration. Bulbs should be started in moist soil and after roots have started, more water is required. As the plant develops it will use more and more water as the leaf area increases.

As a general rule the upside-down practice of planting Caladium bulbs is the best if sufficient time is available, since these throw growth into a large number of eyes resulting in a fuller pot plant. If a quicker pot is desired the right-side-up planting is recommended, since emergence is not delayed by the adverse position of the bulb.

Write for Our Illustrated Color Folder with Complete List of Varieties.

AMARYLLIS

(Ready in November)

Giant American Hybrids

We believe our famous Giant American Hybrids to be the finest race of Amaryllis in cultivation. The enormous flowers are of fine form, and come in a great diversity of colors. We offer mixed colors only.

	Doz.	100
2½ to 2¾ in.	\$2.75	\$20.00
2¾ to 3 in.	3.50	25.00
3 to 3½ in.	4.50	32.50
3¼ to 3½ in.	5.00	40.00

CALLAS

These make excellent pot plants, which always find a ready sale. For outdoor planting in a shady location, they are unexcelled.

Baby Calla, Pink

Grows a foot tall. Long-lasting rose-pink flowers.

Doz. \$3.50; 100 \$25.00.

Spotted Calla

Flowers white. Foliage green, spotted white.

Large Bulbs.

Doz. \$2.50; 100 \$18.50; 1000 \$175.00

Yellow Calla (Elliottiana) (True)

	Doz.	100	1000
Selected Bulbs. 1¾ to 2 in.	\$2.00	\$12.50	\$110.00
Mammoth Bulbs. 2 to 2½ in.	2.75	17.50	160.00
Top-Size Bulbs. 2½ to 3 in.	4.50	31.00	300.00

Fancy Leaved Caladiums

Popular and Proven Varieties

Candidum. Very popular white variety with green veins and ribs.

Dr. Groover. A good pink, low growing adequate leafer, very colorful. It is recommended for potting.

Dr. T. L. Meade. Sometimes called Blaze. A striking red, recommended for inside or outside use.

Fannie Munson. Generally acclaimed to be the most beautiful pink, by all who see it.

Fred Bause. A different red, that is low growing and leafy. Outstanding in trial tests.

Itacapus. A very fine red highly recommended for inside planting, but not desirable outside.

John Peed. Large center of bright red in a rich green background.

Lord Derby. A low growing and very leafy variety. Pink with green ribs.

Marie Moir. A medium tall, vigorous grower that produces a good number of medium large leaves. The color is quite similar to Candidum except that it has red spots.

Miss Chicago. One of the finest pink varieties, it is a newly introduced variety that is low growing with very fine pink leaves. Good for inside or outside use.

Pink Beauty. A low growing pink leafy variety that shows fine color when healthy growth is induced.

Pink Cloud. A medium tall grower but very popular, because of its outstanding beauty. It is specially recommended for outside planting.

Red Flare. Low growing producing an outstanding pot. Red with darker red ribs.

Spangled Banner. The most popular red splotted variety. It is low growing and shows best color inside or out with the first leaf.

Vivian Lee. Large leaves with crimson center. Low growing and a good leafer.

Extra Fancy Highly Colored Named Varieties.

	25	100	1000
Mammoth. 3½ in. and up	\$10.00	\$37.50	\$337.50
Jumbo. 2½ to 3½ in.	7.50	27.50	245.00
No. 1. 1½ to 2½ in.	5.00	18.00	162.00
No. 2. 1 to 1½ in.	3.00	11.00	90.00

Gloriosa Rothschildiana Superba

This handsome African tuberous-rooted plant, known as the "Climbing Speciosa Lily," has been used mostly as a greenhouse climber, but can be grown very successfully as an outside climber if given a warm, sunny location. It reaches a height of 6 to 8 feet and produces large, gorgeous, Lily-like flowers which open bright yellow, but change to a deep scarlet.

Strong tubers, each 85c; doz. \$9.00; 100 \$72.50.

Hyacinthus Candicans (Summer Hyacinth)

Grows 4 feet high, flowers are pendulous and pure white. Perfectly hardy and of vigorous growth.

	Doz.	100
1½ to 1¾ in.	\$1.25	\$ 8.50
1¾ in. up	1.80	13.50

Ismene Calathina (Peruvian Daffodil)

Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place.

	Doz.	100
First-size bulbs	\$4.00	\$30.00
Top-size bulbs	5.00	40.00



DAHLIAS

If you desire varieties not listed by us, we shall be glad to fill your orders, as we have connections with the largest growers and can give prompt service. Unless otherwise specified, the Dahlias offered below will be supplied in dormant roots.

Abbreviations: ID, Informal Decorative; FD, Formal Decorative.

Decorative Varieties

	Doz.	100
Blue Jersey. FD. Sport of Jersey's Beauty; soft Tyrian rose. Fine growing qualities.....	\$4.00	\$30.00
Bob White. FD. Pure white with good stems.....	4.50	33.50
California Idol. ID. Large; clear, bright yellow.....	4.00	30.00
D. Day. FD. New soft clear pink.....	4.00	30.00
Florist's Beauty. FD. Bicolor of amaranth-purple with pointed white tipped petals.....	5.75	42.00
Francis Larocco. FD. Sulphur-yellow. Very satisfactory as a cut flower.....	3.75	27.50
Gallant Fox. FD. Luminous dark red. Sturdy stem; good keeping qualities.....	2.25	15.00
Jane Cowl. ID. Bronzy buff and old gold, blending darker.....	4.00	30.00
Jean Kerr. FD. A white Dahlia of medium size and always in bloom. Good keeper for cutting.....	2.25	15.00
Jersey's Beauty. FD. Large pink flowers on long stems. As a cut flower, one of the best keepers.....	2.75	20.00
Jersey's White Beauty. FD. Pure white. Exceptional keeping qualities.....	4.00	30.00
Kentucky Sportsman I. D. Golden amber-orange with creamy white tipped petals. Outstanding bicolors.....	5.75	42.00
Mrs. George LeBoutellier. ID. A beautiful carmine-red, similar to Murphy's Masterpiece in form.....	4.00	30.00
Mrs. James Albin. FD. A good deep yellow. Highly recommended. Free blooming habit and excellent for cutting.....	4.00	30.00
Watchung Giant. ID. Deep amber-yellow with orange-cadmium suffusion.....	4.50	33.50
White King. FD. A good standard white. Very popular.....	3.25	25.00

Cactus and Semi-Cactus Dahlias

Abbreviations: C, Cactus; SC, Semi-Cactus; IC, Incurred Cactus.

	Doz.	100
Miss Belgium. Burnt-orange. A fine cut flower and an excellent keeper.....	\$4.50	\$35.00
Golden Standard. Amber-gold; large flowering.....	4.50	35.00
Jersey Dainty. C. Beautiful white on excellent stems.....	5.75	42.00
Red Imperator. Bright red. Excellent cut-flower variety.....	4.75	37.50
Sheik. SC. Beautiful pink shading to cream-white on strong stems.....	5.75	42.00

MONTBRETIAS

Montbretias resemble miniature Gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf mould, but no manure or chemical fertilizer should touch the roots; a little bonemeal and a light top-dressing of lime should prove beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

Giant Flowering Varieties

Citronella. Rich canary-yellow, star shaped flowers.
Comet. Golden orange with a broad band of deep crimson, yellow center.
James Coey. Rich vermilion suffused golden orange.
Lady Wilson. Bright yellow suffused orange.
Red Knight. Rich vermilion shaded to gold, overlaid with maroon.
Each of the above, 25 for \$4.00; 100 for \$13.50.

Standard Varieties

Fire King. Glowing scarlet.
George Davison. Pure yellow.
Queen Alexandra. Golden yellow, flushed apricot.
Rosea. Beautiful shade of pink.
Una. Rich golden apricot, with crimson blotches in center.

Choice Mixed—All shades.

Each of the above, 25 for \$2.00; 100 for \$6.50.

Pompon Varieties

	Doz.	100
Betty Anne. Soft rose-pink, inclined to violet-rose; blooms small, uniform in size and form. Winner of many prizes.....	\$3.25	\$25.00
Clarise. Bright orange.....	2.75	20.00
Edith Mueller. A two-toned variety of golden orange and salmon-red.....	2.75	20.00
Johnny Peppin. Small, dark crimson flowers of excellent formation, with firm stems.....	3.00	22.50
Indian Chief. Red and white bicolor. Very striking.....	2.50	18.00
Little Snow-White. A fine new white. Good commercial flower.....	2.75	20.00
Morning Mist. White tipped lavender; rosy lavender at center.....	2.75	20.00
Pride. Deep crimson-scarlet.....	2.75	20.00
Rosa Wilmoth. Light rose-pink.....	2.75	20.00
Rothout. Deep rich red. Favorite.....	2.75	20.00
Sherry. A deep petunia-purple, very attractive.....	3.00	22.50
Yellow Gem. Pure light yellow. Free bloomer. Long stems. Excellent for cutting.....	2.75	20.00

Miniature Dahlias

Small decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut flowers.

Abbreviations: MP, Miniature Pompon; D, Decorative; FD, Formal Decorative; C, Cactus; ID, Informal Decorative; SC, Semi-Cactus.

	Doz.	100
Baby Sagamore. FD. Amber-yellow suffused peach-red. Strong, straight stems.....	\$3.00	\$22.50
Bishop of Llandaff. D. Bright scarlet, center deep garnet. Lacy foliage of reddish tinge.....	3.25	25.00
Corinna. MFD. Canary-yellow. Free blooming.....	2.75	20.00
Grenadier. Orange-red with beet-red foliage.....	3.75	27.50
New Roseata. FD. An excellent commercial pink. A fine keeper.....	3.75	27.50
Red Sylvia. FD. Rich deep carmine. Good form and blooms profusely.....	2.75	20.00
Roxana. FD. Deep royal purple.....	3.75	27.50
White Fawn. FD. Pure white. Rugged bush, heavy foliage and prolific bloomer.....	2.75	20.00

Caladium Esculentum (Elephant's Ear)

	10	25	100
7 to 9 in.	\$1.75	\$3.50	\$12.00
9 to 11 in.	2.50	5.00	17.50
10 to 12 in.	4.00	8.00	30.00

Tigridia Pavonia - Mexican Shell-Flower

Colors vary from pure white to gold and vivid scarlet—all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep. They require treatment similar to Gladiolus.

	25	100
Hybrids, Mixed. Jumbo.....	\$2.50	\$8.50

TUBEROSES

Our bulbs run full size and will bloom. Florists should grow more of these, as they are profitable and of late have been in good demand in early fall.

	25	100	1000
Albino or Mexican. Single; white. 1st size.....	\$1.75	\$6.50	\$60.00
Double Pearl. Double white.			
First-size bulbs, 4 to 6 inch.....	2.00	7.00	65.00
Top-size bulbs, 6 to 8 inch.....	3.50	12.00	100.00

Michell's Superior Lilies

Each year, every effort is made to secure for our customers a selection of the best strains of Lily bulbs which measure up to MICHELL'S traditionally high standards.

Place your order with us in confidence, and be assured the finest quality. In order that we may reserve some of our best stock for you this fall, we suggest that you check your needs, and place your order NOW.



CROFT LILIES

Lilium Ace

Similar in color and habit to the Lilium Croft with luxuriant darker green foliage. A very strong grower and prolific bloomer.

7 to 8 in., 250 bulbs per case	SOLD OUT
8 to 9 in., 200 bulbs per case	SOLD OUT

New crop available in November.

CROFT LILIES

The Croft has proved itself one of the finest and most satisfactory of the Easter Lilies. It is dwarf in habit, similar to *L. giganteum*. A sturdy plant with luxuriant foliage, it is free flowering, with enormous, well-developed blooms of long lasting quality.

	Case
7 to 8 inch, 250 bulbs per case	\$60.00
8 to 9 inch, 200 bulbs per case	SOLD OUT
9 to 10 inch, 150 bulbs per case	SOLD OUT
10 inch and up, 150 bulbs per case	SOLD OUT

(New crop available in November)

Lilium Estate

The ideal forcing Lily for cut; also, recommended for outdoor planting.

	Case
7 to 8 inch, 250 bulbs per case	\$50.00
8 to 9 inch, 200 bulbs per case	70.00
9 to 10 inch, 150 bulbs per case	65.00

Lilium Erabu

Grown in Japan.

6 to 8 inch, 400 bulbs per case	SOLD OUT
7 to 9 inch, 300 bulbs per case	SOLD OUT
8 to 10 inch, 225 bulbs per case	SOLD OUT
9 to 11 inch, 200 bulbs per case	SOLD OUT
10 to 11 inch, 150 bulbs per case	SOLD OUT

New crop available in September

"HARDY" LILIES

Hardy Lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained; in fact, if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many early blooms.

Lilium Auratum

(Gold-Band Lily)

Pure white spotted crimson marked in the center with a band of yellow. Fragrant.

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	6.75	25.00	32.50
10 to 11 inch, 100 bulbs per case	8.75	32.50	32.50
11 to 13 inch, 90 bulbs per case	9.25	35.00	30.00

Lilium Speciosum Rubrum

(Japanese-Grown—New Crop)

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	6.75	25.00	32.50
10 to 11 inch, 100 bulbs per case	8.75	32.50	32.50
11 to 13 inch, 50 bulbs per case	8.00	30.00	15.00

Lilium Regale

	25	100	Case
6 to 7 inch, 250 bulbs per case	\$3.50	\$12.00	\$25.00
7 to 8 inch, 250 bulbs per case	4.25	15.00	30.00
8 to 9 inch, 200 bulbs per case	5.00	18.00	33.00
9 to 10 inch, 100 bulbs per case	6.75	25.00	25.00
10 to 11 inch, 100 bulbs per case	10.50	40.00	40.00

Lilium Philippinense Formosanum

AUTUMN-FLOWERING TYPE

It blooms profusely and its very fragrant, pure white flowers resemble an Easter Lily. The outside of the bloom, when first opening, is slightly colored with reddish brown; this coloration fades as the flower matures.

	25	100	1000
4 to 5 inch	\$3.00	\$10.50	\$95.00
5 to 6 inch	3.75	13.50	125.00

	25	100	Case
Canadense. Bright yellow	\$5.00	\$17.50	
Elegans Mixed. Various shades	6.50	25.00	
Henryi. Yellow Speciosum, 8 to 9 in. 200 bulbs per case	6.00	22.50	40.00
9 to 10 in. 140 bulbs per case	8.50	32.50	40.00
Pardalinum Giganteum. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson	5.75	21.50	
Superbum. Orange-red	6.75	25.00	
Tenuifolium. Coral Lily. Plants reach a height of 1½ feet, with clusters of brilliant scarlet, starlike flowers on wiry stems. Grows very easily in a well-drained pocket in the rock garden.			1000
3 to 3½ in. size	3.00	10.00	90.00
3½ to 4 in. size	3.50	12.00	100.00
Wilmottiae. A vivid orange-red with recurved petals and many small brown spots. Height 4 to 5 ft. July, August	6.00	22.50	

Lily-of-the-Valley Pips

Outdoor planting only. Bundles contain 25 pips, with good root growth. Shipment up to April 1st.25 for \$1.25; \$4.00 per 100.

EASTER
April 18th, 1954

ALL PRICES SUBJECT TO MARKET CHANGES



Choice Plants

We recommend all shipments to go by Express. If they arrive in poor condition, accept and receipt for them accordingly, then enter claim to the transportation company. All claims must be supported with a copy of damage report which can be furnished by the agent of the delivering carrier. Prices prevailing at time of shipment will be charged, plus packing at cost.



AZALEA, Coral Bells

MICHELL'S Devon Blue Ageratum

A dense compact grower with strong stems. Grows to a height of from 6 to 8 inches. Does not need pinching and very resistant to heat.

Blooms early and very prolific. Flowers are a clear shade of blue of unusual size.

Rooted cuttings, \$30.00 per 1000.

Sold in units of 250.

AGERATUM

Blue Boy.
Cardinal Mundelein.

Improved Riverside.
White.

	100	1000
Rooted cuttings	\$3.00	\$25.00
2-in. pots	9.00	80.00

ASPARAGUS

Plumosus nanus.
Sprengeri.

	25	100	1000
2 1/4-in. pots	\$3.00	\$10.00	\$90.00
3-in. pots	4.00	15.00	145.00

AZALEA indica

Jean Haerens. Double large dark rose.
Memoria Sanders. Early double red.
Paul Schame. Salmon-red. Christmas-flowering.
Triomphe. Dark carmine; large frill; double.
Vervaeneana. Double large rosy salmon.
Vervaeneana Alba. Large double, pure white.
Violacea. Deep purplish violet.

	100	1000
2 1/4-in. size, grown in flats	\$18.00	\$160.00

AZALEA, Kurume

Coral Bells. Coral-pink.
Hexe. Brilliant crimson.

Hinodegiri. Bright scarlet.
Snow. White.

	100	1000
2 1/4-in. size, grown in flats	\$16.00	\$150.00

BELOPERONE guttata - Shrimp Plant

	25	100
2 1/4-in. pots	\$3.50	\$11.00

BEGONIAS

(Ready in June)

2 1/4-in. pots.

Lady Mac.
Marjorie Gibbs.

Melior.

Norwegian.

Write for prices.

BEGONIAS

Miscellaneous Varieties

2 1/4-in. pots.

	25	100	1000
Adeline. Bright pink. Dwarf	\$4.00	\$12.00	\$100.00
Carmen. Bright pink. Bronze foliage	4.00	12.00	100.00
Chatelaine. Pink	3.50	13.00	
Christmas Cheer. Crimson-scarlet	4.00	12.00	100.00
Coralline Lucerne	7.00	25.00	
Geneva Scarlet. Double	7.00	25.00	
Geneva White. Double	7.00	25.00	
Glow. Dark red	4.00	12.00	100.00
Indian Maid. Deep scarlet. Dark bronze foliage	4.00	12.00	100.00
King of the Reds. Glowing scarlet. Dwarf	4.00	12.00	100.00
Luminosa. Dark scarlet	4.00	12.00	100.00
Pink Pearl	4.00	12.00	100.00
Pink Rubra	4.00	12.00	100.00
Primadonna. Rose, shading to carmine	4.00	12.00	100.00
Red Pearl	4.00	12.00	100.00
Westport Beauty. Double; rose-pink	7.00	25.00	

BOUGAINVILLEA

	25	100
Crimson Lake. 2 1/4-in. pots	\$8.00	\$30.00

BROWALLIA

Speciosa (major). Rich blue. 2 1/4-in. pots	\$3.50	11.00
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CRASSULA arborescens

2 1/4-in. pots	4.50	15.00
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COLEUS, Rooted Cuttings

Beckwith Gem. Dark velvety maroon, bordered fiery red, edged green	100	1000
Brilliancy. Bright carmine, shading off to a deep maroon, margined yellow and green	\$3.50	\$30.00
Christmas Gem. Carmine, shading to maroon, yellow and green margin	4.00	35.00
Firecrest. Carmine-crimson, bordered scarlet	3.50	30.00
Golden Bedder. The favorite yellow	3.50	30.00
Hollywood Red	3.50	30.00
Queen Victoria. Cardinal-red, golden border	3.50	30.00
Red Trailing Queen. Red foliage	3.50	30.00

CROTONS

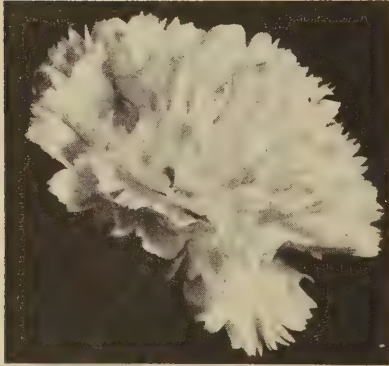
Large-Leaf Varieties.

	25	100
2 1/4-in. pots	\$ 8.00	\$30.00
3-in. pots	14.00	50.00

Michell's Selected

Varieties marked * are patented or restricted and subject to signed agreement.
Minimum order 100 of each variety except where noted, 250 at 1000 rate.

1954 INTRODUCTIONS



EMBER SIM

Red, sport of William Sim. Large flowered variety with a smooth edged petal slightly lighter in color. Has a tendency to grow a little shorter than its parent.

\$20.00 per 100;
\$150.00 per 1000.

***FROSTY.** A cross of two unnamed seedlings. Pure white at all times. Medium large to very large flower, the form of which is similar to that of Olivette, but larger. Production is excellent. Stems are long and strong. Plants are vigorous and heavy. Keeping quality is fine. Splitting is very slight. \$2.20 per 100; \$180.00 per 1000.

***GOLDEN HARVEST.** Golden yellow with slight pink markings. Minimum order, 250. \$180.00 per 1000.

***PRIDE OF WOBURN.** Bright fuchsia with orchid edge. Minimum order, 250. \$180.00 per 1000.

***ROYALTY.** A cross of two unnamed seedlings. A clear, bright purple. Flowers are full and are medium to large. The form of the flowers is symmetrical and attractive. Stems are long and strong. There is almost no splitting. Production is heavy. Keeping quality is good. Plants are clean and vigorous.

\$22.00 per 100; \$180.00 per 1000.

***TILLY.** A cross of two unnamed seedlings. A maroon with just enough red to give color life and prevent it appearing dead and black under artificial light, as is the case with many maroons. This variety was selected from several very promising maroons, as the best. The color is similar to that of Mrs. Weld, but the variety is superior to Weld in almost every respect. Production is above average. Flowers are full and of good size. There is practically no splitting. Blooms keep well and do not turn black along edges. Stems are long and strong.

\$22.00 per 100; \$180.00 per 1000.

Mamie Eisenhower

One of the most unusual Carnations ever disseminated. The red markings against the white background are in a blotched irregular manner, producing one of the most outstanding color contrasts. The flowers can be arranged in any combinations with any other flower. This Carnation has been acclaimed the best selling bloom in every market that it has been shipped to. It is a sport of William Sim, with more vigorous growth and larger blooms. The demand for these blooms has taken it completely out of the novelty class. This is a tried and proven variety that can be grown with confidence.

Price: \$20.00 per 100; \$150.00 per 1000.

Newer Varieties (Yoder Bros.)

Achilles. Clear white, petals deeply serrated.
Cassandra. Yellow variegated, pink penciling.
Cupid. Briarcliff pink; medium sized flower.
Eros. Light pink, long strong stems; large flowers.
Juno. Medium sized, white; very full center.
Pandora. Dark pink. Fine flower substance.
Siren. Bright scarlet. Stems of medium length.
Titan. Crimson-red.

Standard Varieties (Yoder Bros.)

APOLLO. An outstanding salmon-pink.
APHRODITE. Clear light pink.
DIANA. A good commercial light pink.
VENUS. Large salmon-pink; long stem.
JUPITER. Large white; very strong stem.
AURORA. Large white; does well in late spring and early fall.
ADONIS. White; good production; a winter Carnation.
MIDAS. A good yellow; production very satisfactory.
MINERVA. Deep scarlet-pink; a good summer flower.
CERES. Small flower except in December through May; beautiful King Cardinal color.
NEPTUNE. Scarlet; free breaker.
VULCAN. A fine flower in the crimson or maroon group.
SATURN. Warm bronze variegated.
ORION. Color resembles that of Glowing Ember.

Price of Yoder Bros. Varieties

	Newer Varieties	Standard Varieties
	100	100
50 of a variety	\$15.00	\$13.50
100- 250 " " "	14.25	12.80
300- 450 " " "	13.50	12.15
500- 950 " " "	12.75	11.45
1000-2450 " " "	12.00	10.80
2500-Up " " "	11.25	10.10

CACTI AND SUCCULENTS FROM CALIFORNIA

Commercial Assortment for Dish Gardens and Novelty Planting.
Shipped bare-root.

(500 of one assortment at 1000 rate.)

	100	1000
A All-Purpose Standard. Cacti and Succulents; 10 or more standard varieties in good selection for general dish-garden work or individual 2 to 2½-in. pots.	\$5.00	\$42.50
B All-Purpose Superior. Cacti and Succulents; includes the better, more durable and showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all-round commercial assortment.	6.50	55.00
C All-Purpose Choice. Cacti and Succulents; limited to the more valuable, hard Succulents and most desirable Cacti, selected for keeping quality, odd shape.	8.00	
F Miniatures. Cacti and Succulents for tiny pots and miniature bowls.	4.00	35.00
K All-Succulent Fancy. The harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color.	6.50	60.00

	100
M All-Cactus Commercial. Mostly Opuntias and Cereus pad and column types.	\$6.00
N All-Cactus Select. Various types of Cacti from cuttings and seedlings; globular, branched, eared, padded and columnar varieties in best selection.	9.00
P Sunset Collection. For fanciers; fifty named varieties of Cacti and other Succulents such as Euphorbias, Haworthias, Echeverias, etc.	9.00
S Sub-Tropic Dixie Assortment, as favored in New York. Small foliage plants with compatible Succulents and Sansevierias.	8.00
T Terrarium Assortment. Miniature foliage plants with Succulents suited to glass gardens.	6.50
V Small Foliage Plant Assortment. Usually made up of Billbergias, Variegated Ivy, Philodendron, Peperomia, Boxwood, Cryptanthus, Euonymus or similar plants suitable for dish gardens.	9.50

Carnation Cuttings

WHITE

	100	1000
Colonel Blimp. White.....	\$15.00	\$125.00
Geiger's White. Sport of William Sim.....	15.00	125.00
Northland. Popular white.....	12.00	100.00
Olivette. Fine white.....	10.00	90.00
White Baum's Supreme. Large, pure white.....	15.00	125.00
White Sim. White.....	15.00	125.00
*White Sidney Littlefield. Large white.....	20.00	150.00

LIGHT PINK

Crowley's Sim. Blush-pink; sport of William Sim. Shipped in thousand lots only.....	150.00	
*Gordon. Delicate shell or flesh-pink. The flowers are very large, full and rounded; stems are strong and of medium length.....	22.00	180.00
Hercules Virginia. Light pink.....	15.00	125.00
Light Pink Littlefield. True light pink.....	20.00	150.00
Light Pink Northland. Flesh-pink.....	20.00	150.00
Netta. Light pink.....	15.00	125.00
*Petersen's Pink Sim. Light pink.....	20.00	150.00
Pink Art. Large pink.....	20.00	150.00
Pink Sim. Light pink; sport of William Sim.....	20.00	150.00
*Portland Pink. Clear, vivid blush-pink.....	20.00	150.00
Princess Irene. Shell-pink.....	12.00	100.00
*Spirit of St. Louis. Light pink. Early.....	12.00	100.00

MEDIUM PINK

*Belvedere. Rose-pink.....	20.00	150.00
Citation. Rose-pink with silver edges.....	15.00	125.00
*Excellence. Large medium salmon-pink.....	25.00	200.00
*Janie. Salmon-pink.....	22.00	180.00
*Lavender Rose. Rose, with lavender cast.....	20.00	150.00
*Rosalie. Medium pink.....	15.00	125.00
Virginia Rose. Rose-pink.....	10.00	80.00

DARK PINK

Baum's Supreme. Dark rose-pink.....	15.00	125.00
*Boston. Dark pink. Clean healthy growth with a strong stem.....	22.00	180.00
Canup's Pride. Dark cherry-pink.....	15.00	125.00
*Saugus Pink. Deep pink. Flowers are large, full and rounded, and keep perfectly.....	22.00	180.00
*Schaefer's Pink. Dark pink. Strong, stiff stem.....	15.00	125.00
Sidney Littlefield. Large dark pink.....	15.00	125.00
Virginia Miller. Deep pink.....	12.00	100.00

RED

	100	1000
Cardinal Sim. Color similar to King Cardinal, shade lighter than William Sim.....	\$20.00	\$150.00
Dark Red Sim. Shade darker than William Sim.....	20.00	150.00
Jumbo Cardinal. Brilliant red.....	15.00	125.00
Red Beauty. Scarlet.....	20.00	150.00
Tetra-Red. Giant red. 500 M. rate.....	18.00	150.00
*Tom Knipe. Scarlet.....	15.00	125.00
*Topper. Rich velvety maroon.....	22.00	180.00
Scarlet Sim. Sport of White Sim. Color similar to Scarlet King.....	20.00	150.00
Victory Red. Scarlet.....	12.00	100.00
*William Sim. Red. Patent No. 669 expires 1963.....	20.00	150.00

YELLOW

*Harvest Moon. Yellow gold. Minimum order 250.....	150.00	
Miller's Yellow. Yellow.....	12.00	100.00
*Patten's Yellow. Clear yellow; strong stem.....	20.00	150.00

NOVELTIES and VARIEGATED VARIETIES

	100	1000
Baby Bronze. Yellow or bronzy-buff with slight pink tinting.....	\$20.00	\$150.00
Barbara Brigham. Yellow suffused with pink.....	10.00	90.00
Butterscotch. Yellow-buff with pink tinting.....	20.00	150.00
*Canary Queen. Lemon or canary-yellow, later developing a faint light pink variegation.....	22.00	180.00
Cooper's Variegated Sim. White with red markings.....	20.00	150.00
*Coral. Brilliant salmon at times slightly flaked; strong stem.....	22.00	180.00
*Desert Sun. Creamy yellow-buff. The color is perfectly clear early in the season, after which a very faint deep pink variegation appears.....	22.00	180.00
Frosted Patrician. Pink flaking on white petals.....	10.00	80.00
*Harlequin. Flesh-pink with wine-red markings.....	15.00	125.00
Ivory Wonder. White with pink stripes.....	15.00	125.00
*Mohawk. Yellow variegated with pink stripes.....	22.00	180.00
*Mrs. E. F. Guba. Pale almond with vivid deep pink edges and lines.....	20.00	150.00
Pelargonium. White overlaid with maroon.....	15.00	125.00
Raspberry Ice. White petals almost completely overlaid with pale orchid.....	20.00	150.00
*Reina. White flecked with pink.....	20.00	150.00
*Sarah Jane Knipe. Bright purple, silver edge.....	20.00	150.00
Scarlet King. White overlaid with scarlet.....	15.00	125.00
*Sim's Gayety. Flesh-pink with red streakings. Minimum order 500.....	15.00	125.00
Sphynx. Crimson stripes on rose-pink.....	10.00	90.00
Starlite. White with pink stripes.....	20.00	150.00
*Symphony. Reddish purple stripes on mauve.....	25.00	200.00
*Tetra-Sarah Jane. Rosy magenta with silver edge.....	15.00	125.00
Unique. Purple with silver edges.....	20.00	150.00
Variegated Littlefield. Blush-pink with dark pink markings.....	20.00	150.00

CYCLAMEN

Bonfire, Bright Red, Dark Red, Glory of Wandsbek, Perle of Zehlendorf, Pure Rose, Rose of Aalsmeer.	100	1000
2 1/4-in. pot plants (ready March and April).....	\$25.00	\$200.00
3-in. pot plants (ready June and July).....	40.00	
4-in. pot plants (ready August and September).....	75.00	

DRACAENA

Godseffiana. Leaf green, spotted cream-white, 2 1/4-in. pots.....	25	100
.....	\$7.00	\$25.00
Indivisa. Slender green leaf. Useful for summer bedding, vases, etc.		
2 1/4-in. pots.....	3.00	10.00
3 -in. pots.....	6.00	20.00
Sanderiana. Foliage light green, edged creamy white. 2 1/4-in. pots.....	7.00	25.00

FUCHSIA

Holly Dale. Red or deep pinkish outside, with pinkish lavender center.		
Winston Churchill. Red or deep pinkish outside, with deep violet center.	50	100 1000
Rooted cuttings. 500 at 1000 rate.....	\$ 8.00	\$ 75.00
2 1/4-in. pots. 500 at 1000 rate.....	8.00	14.00 135.00
Little Beauty.		100 1000
Rooted cuttings.....	\$ 7.00	\$60.00
2-in. pots.....	13.00	125.00
Bagdad	Black Prince	Giant Pink
		Pride of Orion
		100 1000
Rooted Cuttings.....	\$ 6.00	\$50.00
2-in. pots.....	12.00	112.50

FERNS

Assorted Table Varieties

	100	1000
Seedlings. Shipped out of flats.....	\$ 7.50	\$67.50
2-in. pots.....	20.00	

GERANIUM

Beaute Poitevine. Light salmon. **Mme. Landry.** Salmon-pink.
Better Times. Same color as **Olympic.** One of the best reds.
 Better Times Rose. **Radio.** Intense scarlet.
Irvington Beauty. Rose-pink. **Red Fiat.** Large flowers.
Mme. Buchner. Double white. **Ricard.** Bright vermillion.

2 1/4-in. pots 100 1000
 \$14.00 \$130.00

HYDRANGEAS

New Varieties

***Benelux.** Midseason. Rose-pink. **Joan Merritt.** Midseason. White.
Charm. Early. Carmine-red. ***Rose Supreme.** Midseason.
***Charming.** Midseason. Pink. Rose-pink.
Dixie. Midseason. Rose-pink. **Southland.** Midseason. Carmine.
Drapes Pink. Early. Salmon-pink. **Springtime.** Early. Carmine-pink.
Dundalk. Midseason. Medium red. 100
 Rooted cuttings \$20.00
 2-in. pots 30.00
 3-in. pots 40.00

Novelties

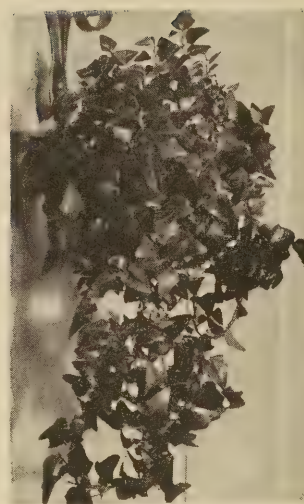
Bobby Merritt. Midseason. **Engel's White.** Midseason.
 Coral-bell-pink. Strong grower.
Caprice. Midseason. Excellent **Jean Merritt.** Midseason. Dark
 white. pink.
***Stafford.** Midseason. Dark pink. 100
 Rooted cuttings \$16.00
 2-in. pots 25.00
 3-in. pots 30.00

Recent Introductions

Altona. Early. Clear pink. **Merveille.** Late. Light red.
***Europa.** Early. Salmon-pink. **Regula.** Early. White.
Hamburg. Early. Carmine. ***Rosabelle.** Late. Rose-pink.
Kuhnert. Midseason. Rose-pink. 100
 Rooted cuttings \$14.00
 2-in. pots 20.00
 3-in. pots 25.00

Standard Varieties

***Gertrude Glahn.** Midseason. ***Niedersachsen.** Early. Light
 Dark rose. pink. 100
 Rooted cuttings \$ 8.00
 2-in. pots 12.00
 3-in. pots 20.00
 *Blues easily.



IVY,
Hahn's

HELIOTROPE

25 100
Sweet Blue. Rooted cuttings \$ 3.00 \$ 5.00
 2 1/4-in. pots 3.00 10.00

IVY

100 1000
English. Rooted cuttings \$ 3.00 \$25.00
 2 1/4-in. pots 10.00 90.00
Green Ripple. Rooted cuttings 6.00 50.00
 2 1/2-in. pots 20.00
Hahn's. Self-branching. Rooted cuttings 4.00 35.00
 2 1/2-in. pots 20.00
Hahn's Variegated. Rooted cuttings 8.00 70.00
 2 1/2-in. pots 25.00
Maple Queen. Rooted cuttings 6.00 50.00
 2 1/2-in. pots 20.00
Merion Beauty. Very free branching.
 2-in. pots 10.00 90.00
Star. Rooted cuttings 4.00 35.00
 2 1/2-in. pots 20.00
Improved Sylvanian Beauty. Rooted cuttings 6.50 60.00
 2 1/2-in. pots 20.00

LANTANA

Golden King. Lemon-yellow.
Michael Schmidt. Red shading to yellow.
Radiation. Red; center orange and yellow.
Sensation. Pink shading to a yellow center.
Weeping. Lilac shading to rosy pink. A trailing variety. Especially recommended for boxes, baskets and ground covers.
Mixed Varieties. Our selection. 100 1000
 2 1/4-in. pots \$12.50 \$115.00

PELARGONIUM

Amanda. Reddish orange. **Marie Rober.** Magenta-purple.
Ballerina. Shell-pink. **Mary Elizabeth.** Salmon-rose.
Jessie Jarrett. Dark violet. **Rhapsody.** Tricolor.
Lucy Ann Leslie. Light rose-pink. **Stardust.** Palest lilac.
Lowell. Red. **Vida Burke.** Salmon-pink.
 12 100
 2 1/4-in. \$4.50 \$25.00
 3 -in. 6.00 34.00
Azalea. Rosy red. **Marie Vogel.** Red shaded salmon.
Easter Greeting. Bright red. **Pink Vogel.** Pink.
Edith North. Salmon-pink. **Salmon Springtime.** Salmon-
German Glory. Amaranth-pink. rose-pink.
Lavender Queen. Lavender. **Springtime.** Bright pink.
 12 100 1000
 2 1/4-in. \$3.00 \$20.00 \$190.00
 3 -in. 4.00 28.00 270.00
 6 of one variety at dozen rate 25 of one variety at 100 rate
 250 of one variety at 1000 rate



HYDRANGEA



POINSETTIA

POINSETTIA Stock Plants

Barbara Ecke Supreme. Patented variety sold only under patent restrictions. Definitely the finest of all pot-plant varieties for the central and northern part of the United States. Stock plants produce freely, can be soft pinched and have the finest colored bracts, superseding all commercial varieties.

Indianapolis Red. Exceptionally fine variety for the southern states. Grows short and stocky.

	Per 100
Super Jumbo	\$180.00
Jumbo	150.00
No. 1	120.00
No. 2	90.00
No. 3	60.00
*No. 4	40.00

Improved Albert Ecke, Ecke White, and Albert Ecke.

	Per 100
Super Jumbo	\$150.00
Jumbo	120.00
No. 1	100.00
No. 2	80.00
No. 3	60.00
*No. 4	40.00

Mrs. Paul Ecke, Oak Leaf, Ruth Ecke, Dble. Henriette Ecke, St. Louis, and Pink.

	Per 100
Super Jumbo	\$125.00
Jumbo	100.00
No. 1	75.00
No. 2	55.00
No. 3	35.00
*No. 4	25.00

The above prices f.o.b. eastern points of distribution, c/o Railway Express Agency.

* All No. 4 plants should be shipped by Railway Express direct from Encinitas to carry through successfully.

ON ALL ORDERS MAILED AFTER JANUARY 1, A 10% PACKING CHARGE WILL BE MADE.

ANY CHANGE IN ORDER MUST BE IN BY FEBRUARY 15.

POINSETTIA, 2 1/4-inch for July and later delivery. Write for prices.

SANSEVIERIA

Hahnii.	25	100
2 1/4-in. pots	\$ 5.50	\$20.00
Laurenti. 2 1/4-in. pots	7.00	25.00
3-in. pots	12.00	40.00
Zeylanica, Rosette Type.		
2 1/4-in. pots	4.00	12.00

STEVIA

Double True Half Dwarf.	Pride of Cincinnati.		
		100	1000
2 1/4-in. pots		\$10.00	\$95.00

VERBENA

Beauty of Oxford, Cerise.	Pure White.		
Beauty of Oxford, Lavender.	Royal Purple. With eye.		
Beauty of Oxford, Pink.	Scarlet King. Bright red with eye.		
Beauty of Oxford, Scarlet.	Schlosser's Pride. Dark red.		
Mayflower. Light pink.		100	1000
Rooted cuttings		\$5.00	\$35.00
2 1/4-in. pots. (Spring)		10.00	95.00

VINCA VARIEGATA

	25	100	1000
Rooted cuttings		\$4.50	\$37.50
2 1/4-in. pots	3.50	11.00	100.00

VITIS - Grape Ivy

	25	100
Rhombifolia. Evergreen vine. Graceful trifoliate leaves.		
2 1/4-in. pots	\$4.50	\$15.00



VERBENA

ALL PLANT PRICES SUBJECT TO MARKET CHANGES



Dish Garden and Foliage Plants

Aralia Sieboldi		1000
Seedlings. (2¼-in. size.) Shiny deeply cut foliage on slender trunk		\$65.00
\$62.50 per 1000 in 2000 lots. \$60.00 per 1000 in 3000 lots.		

Boxwood		100	1000
Transplants			
Regular		\$5.75	\$52.50
Select		6.25	57.50
Extra Select		7.25	67.50

Chinese Evergreen		100
Rooted Cuttings		
4-6 in., 3-4 leaves		\$13.00
5-6 in., 3-5 leaves		17.50
6-8 in., 4-5 leaves		25.00
8-10 in., 5-6 leaves		30.00
10-12 in., 5-7 leaves		35.00
12-15 in., 6-8 leaves		50.00
15-20 in., 7-9 leaves		65.00

Dieffenbachia		Less Than	100
		50—Each	
Amoena. Unrooted tips, 4 leaves, 4-in. pot size		\$0.55	\$50.00
Picta. Unrooted tips, 4 leaves, 3-in. pot size		.23	20.00
Rooted plants		.28	25.00
Roehrsi. Unrooted tips, 3-in. pot size		.33	30.00
Rooted plants		.38	35.00
Minimum order, 25 plants.			

Dracaena		100
Massangeana. 3-inch pots		\$35.00
4-inch pots		52.50
Warneckii. 4-inch pots		80.00

Ficus		10	100
Pandurata. 4-inch pots—4-6 leaves		\$ 9.00	\$ 80.00
4-inch pots—9 leaves up		15.50	145.00
Elastica. 4-inch		6.00	52.50

Fittonia		100	1000
Argyroneura. Rooted cuttings		\$10.00	\$ 85.00

Maranta Kerchoveana		100	1000
Rooted cuttings. 3-5 leaves		\$11.00	\$100.00
2¼-inch pots		16.00	150.00

Nephtytis		100	1000
Emerald Gem. Rooted cuttings, 4 leaves up		\$ 6.00	\$ 52.50
2¼ inch		11.00	100.00
Variegated			
Rooted cuttings		7.00	65.00
2¼ inch		16.00	150.00

Neanthe Bella Palms		100	1000
Seedlings		\$ 5.00	\$ 45.00
2-inch pots		16.00	150.00

Phoenix Roebelenii		20.00	195.00
2-inch pots			

Peperomia		100	1000
Obtusifolia. Green. Rooted cuttings		\$ 7.00	\$ 60.00
Green. 2¼-in.		11.00	100.00
Variegated. Rooted cuttings, select stock		12.00	110.00
2¼ inch		16.00	150.00

Philodendron - Large Leaf Varieties		10	100
POTTED PLANTS			
Dubia. 4 inch		\$ 7.50	\$ 65.00
3 inch		5.00	42.50
Pertussum. 4 inch		11.50	105.00
Hastatum. 5 inch		14.50	135.00
4 inch		9.00	80.00
3 inch		5.00	52.50
Imbe. 4 inch		11.50	105.00
Panduraforma. 4 inch, 2-in. pot		10.00	90.00
3 inch		5.00	42.50
Erubescens. 4 inch		9.50	85.00
Monstera Deliciosa. 4 inch		11.00	100.00
5 inch, large		18.50	175.00

Please Order in Crate Lots Packed as Follows:
3 in., 40 plants; 4 in., 20 plants; 5 in., 15 plants.

Philodendron - Cordatum		100	1000
Propagating eyes, selected leaves			\$ 12.50
Rooted cuttings, large leaves, 4 leaves up		6.50	60.00

Philodendron - Large Leaf Varieties		100
ROOTED AND UNROOTED PLANTS		
Moonstera Delicious. Unrooted, medium size		\$ 75.00
" large size		100.00
" extra large size		150.00
Panduraforma. Strong rooted plants, 4 to 5 leaves		35.00
Unrooted tips, 3 and 4 leaves		25.00
Pertussum. Unrooted tips, 4 leaves		75.00
Rooted plants, 4 leaves		100.00
Trifoliatum. Strong rooted plants, 4-5 leaves		25.00
Unrooted tips, 3 and 4 leaves		15.00
Species. (New.) Introducing an unnamed newcomer to the Philodendron family, a good grower, fine as a small plant, or can be used in combinations.		
Strong rooted plants, 4 and 5 leaves at		25.00

SPECIAL		POTHOS WILCOXI
PHILODENDRON CORDATUM		
		Per 100 Per 1000
2½-inch pot, 3 plants per pot		\$25.00 \$230.00
Shipped in units of 50 only—250 at 1000 rate.		
Can order all Philodendron, all Pothos, or mixed box.		

Pothos		100	1000
Wilcoxi. Propagating eyes, selected eyes			12.50
Rooted cuttings, 3-5 leaves		6.50	60.00
2¼ inch			100.00
Marble Queen. 2¼ inch		20.00	

Sansevieria		100	1000
Laurentii.			
8-12 inch, 3 leaves up		\$16.00	\$110.00
12-15 inch, "		16.00	125.00
15-18 inch, "		16.00	125.00
18-24 inch, "		16.00	125.00
24-30 inch, "		16.00	125.00
30-34 inch, "		16.00	125.00

Zeylanica.		7.50	65.00
3-6 inch, 3 leaves up			
6-8 inch, "		7.50	65.00
8-12 inch, "		7.50	65.00
12-15 inch, "		7.50	65.00
15-18 inch, "		7.50	65.00
18-24 inch, "		7.50	65.00
24-30 inch, "		7.50	65.00

SPECIAL: In lots of 2000 or more \$60.00 per M.

Hahni		10.00	80.00
Bare root for 2¼ in.			
Bare root for 2½ in.		12.50	100.00
Bare root for 3 in.		15.00	125.00
Bare root for 3 in., heavy		20.00	150.00
Bare root for 4 in.		25.00	200.00

PUERTO RICAN PLANT MATERIAL		100 ft.
F.o.b. San Juan		
Dieffenbachia Picta Cane		\$22.50
Dracaena Cane		
Mixed		15.00
Tri-color		35.00
Massangeana		15.00
Firebrand		27.00
Eugene Andre		16.00
Godseffiana. URC large		75.00
Nephtytis		5000 1000
Liberica eyes		\$37.50
Variegata. RC. 3-5 leaves		65.00
Wendlandii. RC. 3-5 leaves		65.00
Peperomia		
Obtusifolia Variegata. 3-5 leaves. URC		60.00
Green. URC		37.50
Philodendron Cordatum. Selected propagating eyes.		
Small leaves		9.00
Medium leaves		11.50
Large leaves		15.00
(Minimum order 5000 eyes.)		
Philodendron Dubia		100
Unrooted plants, 10-12 in.		\$30.00
Philodendron Hastatum		
Unrooted 3-4 leaves		30.00



Perennial Plants

Achillea

	10	100
Filipendulina, Golden Plate. Bright yellow.....	\$3.50	\$25.00
Ptarmica. Double white.....	3.00	20.00

Aconitum

Fischeri. Dark blue	3.00	20.00
Sparks' Variety. Violet-blue.....	3.00	25.00

Alyssum

Saxatile compactum. Basket of Gold. Dwarf.....	2.50	16.00
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Anchusa

Myosotidiflora. Blue	3.00	20.00
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ANTHEMIS, Moonlight. Pale yellow	3.00	20.00
AQUILEGIA, Mrs. Scott Elliott's Long-Spurred Mixed	2.50	16.00

Armeria

Cephalotes rubra. Deep pink.....	3.00	20.00
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ARTEMISIA, Silver King. Silver-colored stems.....	2.75	18.50
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Asters

Frikarti. Lavender-blue.....	3.00	25.00
Harrington's Pink. Clear soft pink	3.00	25.00
Mount Everest. White; yellow eyes.....	3.00	25.00

Campanula

Medium calycanthema. Pink, Blue, White, and Mixed.	2.50	16.00
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Carnation

Grenadin, Pink, Salmon, Red, White, Yellow	2.75	18.50
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Chrysanthemums

(2¼-in. pots)

Avalanche. Double white.....	2.50	17.00
Betty. Pink	2.50	17.00
Bronze Pyramid. Deep bronze.....	3.00	25.00
Chippewa. Rich mellow purple	2.50	17.00
Chris. Columbus. Ivory-white with cream-yellow center.	2.50	17.00
Courageous. Double; dark ruby-red	2.50	17.00
Dahlia Flowered. Dark red. (Cushion type)	2.00	15.00
Early Major Cushion. Medium double pink.....	2.50	17.00
Golden Carpet. Glowing golden. (Cushion type).....	3.00	25.00
Golden Treasure. Deep golden yellow.....	2.50	17.00
Irene. White pompon	2.00	15.00
Lavender Lady. True lavender	2.50	17.00
Orchid Jewell. Lavender-pink	2.50	17.00
Red Bank. Bright red, yellow center.....	2.50	17.00
Rosita. Large button; light Persian rose.....	2.50	17.00
September Dawn. Large, double; rose-pink.....	2.50	17.00
The Chief. Bright scarlet and gold.....	2.50	17.00
White Doty. White pompon	2.50	17.00
White Spoon. Large, double; white with cream-yellow center	2.50	17.00
Yellow Spoon. Double; yellow	2.50	17.00

Chrysanthemum maximum - Shasta Daisy

	10	100
Majestic. Large white.....	\$3.50	\$25.00
Mount Shasta. Pure white.....	3.50	25.00

Delphinium

Belladonna. Light blue	2.75	18.50
Lamartine. Dark blue	2.75	18.50

Dianthus

Bobby. Deep pink; crimson centers.....	2.75	20.00
Beatrice. Salmon-pink	2.75	20.00
Little Joe. Large crimson.....	3.00	25.00
Meg Gardner. Large white with red center	2.75	20.00

Dicentra

Spectabilis. Bleeding Heart; Dicentra. Heart-shaped, red flowers. Excellent for forcing.....	4.50	35.00
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Digitalis

Giant Shirley Hybrids. Colors range from white and shell-pink to deepest rose.....	2.75	18.50
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ECHINOPS, Taplow Blue. Globe-shaped blue flowers. Excellent for cutting and drying.....	3.00	25.00
EUPATORIUM coelestinum. Lavender-blue.....	2.75	18.50

Euphorbia

Corollata. Tall growing. White	2.50	16.00
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Funkia

Undulata variegata. Variegated foliage. Blue flowers...	3.00	20.00
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Hardy Ferns

Adiantum pedatum. Hardy Maidenhair	2.50	20.00
Aspidium spinulosum. Spinulosa Wood Fern.....	2.50	20.00
Aspidium filix-foemina. Lady Fern.....	2.50	20.00
Dicksonia punctilobula. Hay-scented Fern.....	2.50	20.00
Dryopteris marginalis. Evergreen Woodfern.....	2.50	20.00
Onoclea sensibilis. Sensitive Fern.....	2.50	20.00
Onoclea struthiopteris. Ostrich Fern.....	2.50	20.00
Osmunda regalis. Royal Fern.....	2.50	20.00
Polystichum acrostichoides. Christmas Fern.....	2.50	20.00

Gaillardia

Burgundy. Wine-red, showing practically no yellow.	2.50	16.00
Dazzler. Large, golden yellow and maroon.....	2.50	16.00
Grandiflora Superba. A most beautiful combination of colors	2.50	20.00

Gypsophila

Bristol Fairy. Double white. 2¼-in. pots.....	3.50	30.00
3-in. pots	4.00	35.00

Helianthemum

Ben Ledi. Crimson flowers.....	2.75	18.50
Buttercup. Single golden yellow	2.75	18.50
Double Yellow. Citron-yellow.....	2.75	18.50
Fireball. Double bright scarlet	2.75	18.50

Helianthus

Coronation. Golden yellow.....	3.00	25.00
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1954 MUM CATALOG

Now Available—Write for Your Copy

Hemerocallis

	10	100
Dr. Regel. Rich orange-yellow	\$3.00	\$20.00
Goldeni. Golden orange	3.00	22.00
Imperator. Rich orange-red	4.00	30.00
Mrs. W. H. Wyman. Pale glistening yellow	3.00	22.00

Iberis

Sempervirens. White	3.00	25.00
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Iris Germanica

California Gold. Bright yellow	2.50	16.00
Dauntless. Standards coppery rose; falls deep velvety red	2.50	12.00
Empress of India. Light blue; sweet scented	2.00	10.00
Gudrun. Pure white; large	2.50	16.00
Helios. Soft yellow with red lines on base of petals	2.50	12.00
Pink Satin. Satin-pink	2.50	15.00

Iris Kaempferi

Albatros. Pure white with golden center	2.75	20.00
Azure. Bright sky-blue, heavy ruffled petals; late flowering	3.50	25.00
Betty F. Holmes. Pure white	3.50	25.00
Flamingo. Deep rose, white in center	3.50	25.00
Mahogany. Deep mahogany-red, yellow in center	2.75	20.00
Red Cloud. Red, white and yellow in center	2.75	20.00
Rose Anna. Cream-white with red stripes	2.75	20.00

LATHYRUS latifolius.	2.50	17.00
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Lavandula

Vera. Blue	3.00	25.00
Vera, Twinkle Purple. Purple	3.00	25.00

Liatris

Pycnostachya. Rich purple	2.50	17.00
Scariosa. Deep purple flowers	3.00	25.00
September Glory. Purple	3.00	25.00
White Spire. White	3.00	25.00

Linum

Flavum. Yellow	3.00	22.00
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LOBELIA cardinalis. Fiery red	3.00	25.00
LUPINUS, Russell Hybrids.	3.00	22.00

Lythrum

Dropmore Purple. Violet-pink	3.00	25.00
Prolific. Clear Persian rose	3.00	20.00

NEPETA Mussini. Lavender-blue	3.00	20.00
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Pentstemon

Firebird. Ruby-crimson	3.00	22.00
Rose Elf. Coral-pink	3.50	30.00

Phlox decussata

	10	100
Charles Curtis. Sunset-red	\$3.00	\$20.00
E. I. Farrington. Salmon-pink	3.00	20.00
Miss Lingard. White	3.00	20.00
Ruby Lee. Large plum-red	3.00	20.00

Phlox subulata - Moss Pinks

Alba. White	3.00	20.00
Atropurpurea. Brilliant red	3.00	20.00
Blue Hill	3.00	20.00
Rosea. Pink	3.00	20.00

Physostegia

Rosy Spire. Deep rosy crimson	2.50	17.00
Summer Snow. White	2.50	17.00
Vivid. Deep pink	2.50	20.00

Platycodon

Mariesi, Blue	2.75	18.50
Mariesi, White	2.75	18.50

PLUMBAGO Larpentae. Deep blue	3.00	20.00
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Pyrethrum

Robinson's Giants. Single mixed	3.00	20.00
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Rudbeckia

The King. Dark red	3.00	25.00
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Scabiosa

Caucasica, Giant Hybrids	3.00	22.00
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Statice

Latifolia. Purplish blue, Can be dried	3.00	20.00
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Stokesia

Blue Danube. Deep blue	3.00	25.00
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Thalictrum

Lavender Mist. Lavender-purple	4.00	30.00
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THERMOPSIS caroliniana. Yellow	2.50	20.00
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Tritoma

Pfitzeri. Orange-scarlet	3.00	20.00
Primrose Beauty. Primrose-yellow	3.50	22.00

TROLLIUS Ledebouri, Golden Queen. Golden yellow	3.50	30.00
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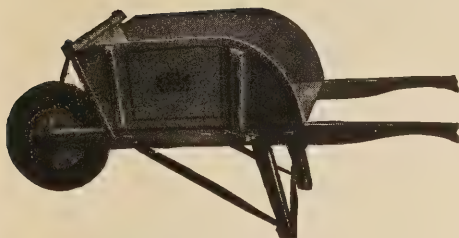
Veronica

Incana. Deep blue	3.00	22.00
Incana rosea. Pink	3.00	22.00

Viola odorata

Royal Robe. Deepest violet-blue	3.00	22.00
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MICHELL'S LAWN, GARDEN AND FARM TOOLS



Greenhouse Wheelbarrow

No. 3GH225. This narrow barrow is designed for use in greenhouse aisles. Length over-all, 62 in.; width over-all, 20 in.; height over-all, 27 in. Length of the bed, 26½ in., width of bed front, 15 in.; width of bed rear, 19½ in. Bed depth, 11¾ in. Weight, 34 pounds. With pneumatic tire, \$26.00.

No. 67. Buch Style. With pneumatic tire. 15-in. front, 18-in. back, 12-in. deep. Handle spread 20 in. \$37.50.

Garden Wheelbarrows

Tire	Length	Depth	Width	
in.	in.	in.	in.	
No. 3-225	2¾	26½	10½	23½ \$23.00

Above barrows equipped with rubber tires.



Steel Garden Rakes

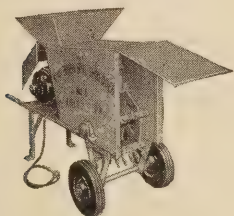
Made of best cast steel, with long teeth.

No. S.C. 14. 14-tooth \$2.10
No. S.C. 16. 16-tooth 2.45

Steel Bow Rake

No. B14. 14-tooth \$2.25
No. B16. 16-tooth 2.45

Power Soil Shredder Kemp No. 6



Shreds heavy, wet compost made from sod and manure. Designed especially for the small grower. Low in price and economical to operate. Powered with either 1 horsepower gas engine or a ½ horsepower electric motor, that can be plugged into any light socket.

Use in potting shed for shredding soil for use in flats and pots. Also handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length	38 in.
Width	22 in.
Height at discharge end	36 in.
Height at hopper	33 in.
Weight	200 lbs.
Power	Electric ½ H.P. Gas 1 H.P.

Capacity—one or two men loading hopper.

No. 6. ½ h.p. electric motor \$160.00
No. 6. ¾ h.p. electric motor 172.00
No. 6. 1½ h.p. Briggs & Stratton gas engine 160.00

Disston Spring Rake

Fitted with extra-heavy spring from handle to spacer. Has teeth made from spring wire, slotted and keyed throughout. Ideal for lawn or driveway.

No. D18. 18-tooth \$2.30
No. 24. 24-tooth 2.90



Spading Forks

Strapped shanks; short or D-wood handle. Made of best-quality steel.

No. SAHD. Men's. Heavy 4-tine \$2.80
No. SALD. 4-tine 2.50

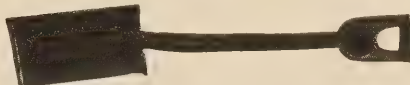


Shovels, Long Handle

	Each
Round point	\$2.65
Square point	2.65

Shovels, Short Handle

Round point	\$2.65
Square point	2.65



Spades

	Each
GSud. Light weight. Short handle	\$2.40
Nursery. Short handle	5.35
GS-48. Long handle	2.65

Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

Made of scientifically constructed wax paper. 1000 lots \$18.35

Trial pkg. (250) including Setter and Tamper \$5.90

Home pkg. (100) including Setter and Tamper 3.15

Home Garden pkg., containing 25 Hotkaps and Cardboard Setter95

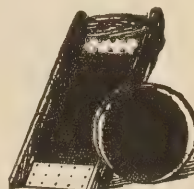
Hotkap Steel Setter 1.95



Sieves

Any size mesh. Made extra well.

Galvanized Wire, 18-in. Price, \$3.25.

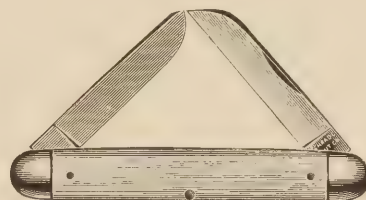


Large Upright Sieve

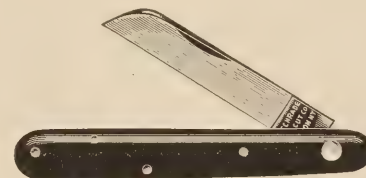
For soil, gravel, sand, etc. Made in any size mesh, of extra heavy-grade foundry wire. Price, \$26.00.

Florists' Budding and Propagating Knives

A good knife is essential to every florist. Our knives are all of the best steel and guaranteed to give good satisfaction.



No. 716. The florist's favorite. 2-blade, white bone handle, for budding and propagating \$3.25

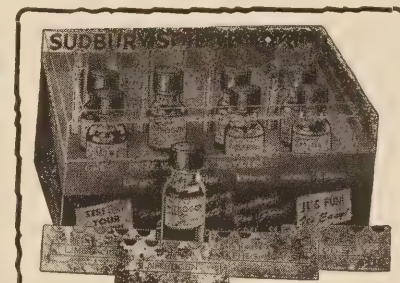


No. 182. 1-blade; ebony handle 3.00

No. 1001. 1-blade; coca handle 2.50



No. 176SHR. 1-blade white handle, with silver nickel shackle for chain attach. (Illustrated.) 2.25



Sudbury Soil Test Kits

Professional Size. Model A. Widely used by large growers. Capacity 200 individual tests. Refills available. Price, \$26.95.

Horticultural Size. Model B. For the nurseries, growers, and greenhouses. Capacity 200 individual tests. Inexpensive refills available. Price, \$12.50.

Club Model C. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Price, \$5.00.

Home Gardener's Size. Model D. A 20-test kit. Price, \$2.50.

Prices Subject to Market Changes.

MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES



Square Hoes

	Each
SG. 6½-in. square	\$2.10
10-in. square	3.00
GSH. Scuffle.....	2.45
SG. 7-in.	1.80
SG. 8-in.	1.90
SBT-7. 7-in., square top.....	2.20
IGH7 Grape or Grading	3.15

Two-Prong Onion Hoe

No. 2PWF	\$1.00
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Warren Hoes (Heart-Shaped)

	Each
No. W7S. 7-in.....	\$2.00

Baby Warren Hoe

No. BW4½. Short handle	\$1.25
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Dibbles

	Each
Iron Point. Wood handle	\$1.40
Brass Point. Wood handle	1.90



Johnson Trowel

No. 211. These are made of one-piece steel blade and shank.	
6-in.	\$1.50

No. DSGT. Steel Shank Trowel

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. Price, \$1.60 each.



Cleves Angle Trowel

For getting dandelion, plantain, and other weeds out of the lawn, etc.	Each
6-in.	\$0.35



Transplanting Trowel

No. 217A. Steel shank and blade.	
\$1.60.	

Neverbreak Trowel

No. 800. Heavy steel. 5-in. Price, 20c each;	
doz. \$2.00.	

Prices Subject To Market Change



Weeders

Weeding S H W. Short handle.
\$1.40 each.

Disston Lopping Shears

No. 7. All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles. 8 in. long. Weight, 1¾ lbs. Price, \$4.60.



Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged tool steel. Natural finish ash handles. Pressed steel strapped ferrule and cap.
30-in. handles \$7.50
24-in. handles 7.00



Forester Lopping Shears

No. P. 120. 20 in. long. Wt. 2 lbs. 10 ozs. \$7.55
No. 2. FO. 27 in. long. Wt. 4 lbs. 10 ozs. 8.45
No. 3. FO. 34 in. long. Wt. 7 lbs. 4 ozs. 10.10



Disston Hedge Shears

American
No. 30. 8-in. \$4.40
No. 30. 10-in. 4.70

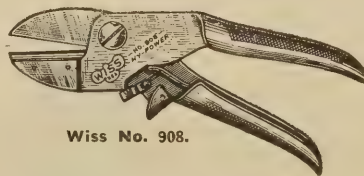
Wiss Hedge Shears

No. 850E. 8½-in. \$4.25
No. 905E. 9½-in. 4.50

PRUNING SHEARS



No. 142. Disston. 8-in. \$2.00
No. 158. Disston. 8½-in. 3.60
No. 908. Wiss Hy-Power. 8-in. 2.50



Wiss No. 908.

Imported Kunde Type Pruning Shears

No. 560. 8½-in. \$4.50
No. 593. Wider blade 4.50
Spiral Springs for any of the above Pruning Shears. 25c each.



Asparagus Knives

No. 2500.	\$0.60
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Asparagus Tape

Fast Red. 1000-yd. spool. \$5.50.
Green. 1000-yd. spool. Price, \$5.50.



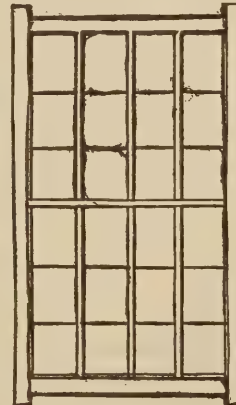
Wire and Tin Shears

	Each
No. 12. 8 in.	\$2.30
No. 10. 11½ in.	3.75

Florist Shears

No. 832U. 7½ in.; narrow blade..... \$2.75
No. 833. 7½ in.; wide blade 2.75
No. 833S. Serrated blade..... 2.75

Hotbed Sash



Philadelphia Style. Made of best-quality red wood. Size, 3 ft. wide, 6 ft. long, 1¾ in. thick. Plain, not glazed or painted. Price, \$9.50.

Complete, puttied, glazed and painted. Price, \$14.50.

Packing charges on all Glazed Sash, 75c per Sash additional.

All Glazed Sash are shipped at purchaser's risk.

Hotbed Mats

The burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are practically indestructible.

Burlap, Waterproof one side.

40x76 in., for one sash. Price, \$5.40 each; doz. \$58.00.
76x76 in., covering two regular size sash. Price, \$7.00 each; doz. \$74.00.

Burlap, Non Waterproof.

40x76 in. Price, \$3.75 each; doz. \$42.00.
76x76 in. Price, \$6.00 each; doz. \$68.00.

Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys

	Per ft.		Per ft.
20-ft.	\$1.45	30-ft.	\$1.45
22-ft.	1.45	32-ft.	1.45
24-ft.	1.45	36-ft.	1.50
26-ft.	1.45	38-ft.	1.50
28-ft.	1.45	40-ft.	1.50

Aluminum Extension Ladders.....\$3.00

MICHELL'S SPRAYING AND SPRINKLING APPARATUS



1692

Spray Nozzles (3/8-in. thread)

Bordeaux. (Fig. 1692.) Each 2.00

Fogg-It Nozzle

The new fine mist sprinkler that really reduces water consumption and gives a full uniform coverage and wetting effect. Each \$1.50.

Extension Pipes, etc.

For reaching into trees (3/8-in. threads).

Pet Cock. For extension pipes Each \$1.00
Paragon Extension. 2 1/2 ft.85

Dobbins Sprayer



No. 8 De Luxe

No. 8. De Luxe. 2-gal. capacity. Galvanized tank. Price, \$10.55.

Compressed Air Sprayers Myers Kwikfill

No. 2242. Galvanized tank; capacity 4 gals.; 18-in. brass extension rod. Weight 13 lbs. \$12.00.

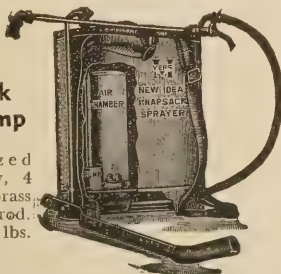
No. 2240. Capacity 2 1/2 gals. \$10.90.

No. 4D. Brown's. Steel tank; capacity 4 gals. Equipped with hose and Auto-Pop nozzle attachments. \$14.25.



Myers' Knapsack Spray Pump No. 1330A

Galvanized tank; capacity, 4 gals. 18-in. brass extension rod. Weight, 15 lbs. Price, \$30.50.



No. 46GA. Dobbins Knapsack. 4 1/2-gal. Galvanized steel. 100-lb. pressure in 7 strokes. Price, \$28.35.

Aprons

For protection to clothing while watering, etc.

Rubber, Heavy \$4.35
Blue Denim 2.10
Lightweight Rubber. 26x40 in. 3.15

Bronx Bottle Sprayer

For applying water to cut flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickeled. Pt. size. Price, \$2.20; qt. size, \$2.40.



Centro Spralbulb



Florists, seedsmen and gardeners have found the handy Spralbulb an excellent water and powder sprayer for plants. 8-oz. \$1.15; 12-oz. \$1.60.



Streamline Blizzard Sprayer

No. 14C. Solid Copper Tank. Capacity, 1 qt. Weight, 2 1/2 lbs. Continuous spray. Price, \$4.45.



Hand Sprayers Michell's. (Compressed Air.) See cut.

Each
Tin \$1.35
Brass 3.25

Water Breakers



The "400" Water Breaker

No. 400. Breaks the water pressure and gives a fine, even spray. Cast aluminum, unbreakable. Ideal for greenhouse use. \$1.50.



Hozon Syphon

A simple yet effective way to apply liquid fertilizer. Just attach between faucet and hose. \$2.00.

Prices Subject to Market Change

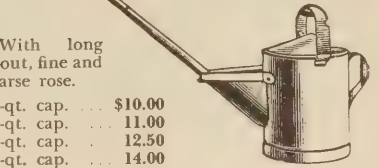
Wotherspoon Watering Cans Round

With long spout, fine and coarse rose.

6-qt. cap. \$10.00
8-qt. cap. 11.00
10-qt. cap. 12.50
12-qt. cap. 14.00

Roses. Fine or coarse

\$2.30 each.



Watering Cans



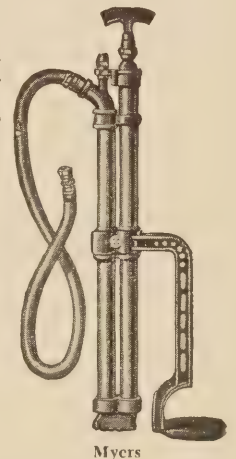
Made of light galvanized iron.

6-qt. \$2.75
8-qt. 3.00
10-qt. 3.25
12-qt. 3.50

Myers Bucket Pump

This is a double brass chamber arrangement.

No. 327 1/2. Price, \$7.50, including hose and nozzle.



Hudson Trombone Jr. Sprayer

No. 219A. Ideal for all-around spraying.

Produces an excellent volume of spray. Adjustable nozzle for all types of spray. Develops 150 lbs. pressure. Throws a 25 to 30-foot stream. 18 in. curved extension furnished to give extra range and easy spraying in any direction. Price, \$6.50.

Greenhouse Sprinklers

Heavy Brass. Solid brass back with polished brass front. A really heavy duty rose-type sprinkler. 4-in. face. Each, \$1.85.

Light Brass. Of lighter construction than above. 3-in. face. Each, \$1.00.



Flaring Rose Sprinkler

Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.00.

MICHELL'S SPRINKLERS AND FLORISTS SUPPLIES



Electric Hose

Here is one of the oldtime reliable items, formerly called Chicago Electric Hose.

This Hose is a two-braid rayon thread. Can be cut to any length.

	Per ft.
¾-in. 2-braid rayon	\$0.42
½-in. 2-braid rayon	.34
25-ft. sections coupled free.	

Rubber Hose

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 60c per pair for couplings attached.

Vigilant. ¾-in. 2-braid. 25 ft. coupled.	\$7.65
Vigilant. ¾-in. 2-braid. 50 ft. coupled.	15.00
Full-Flo. ¾-in. 2-braid. 25 ft. coupled.	6.75
Full-Flo. ¾-in. 2-braid. 50 ft. coupled.	13.00
Full-Flo. ¾-in. 2-braid. 100 ft. uncoupled	23.50

Per ft.

Spray Pump Hose. ¾ in. No. 7B. \$0.28

High Pressure. ¾ in. No. 17B.50

High Pressure Hose Couplings. Extra, \$1.50 per pair.

Amepco Realite Plastic Hose

Made by one of the largest plastic hose producers, it is kink-proof, crack-proof, non-soiling and equipped with self-attaching couplings. 5-year guarantee.

Clear Amber. ¾ in.	\$4.00	\$7.50
Bright Red. ¾ in.	3.75	5.95
Green. ¾ in.	3.75	5.95

Aquamatic Hose Nozzle



A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Complete with spray rose and solid stream nozzle. Price, \$5.50.

Hose Master Nozzle. Handle grip. 1.90



Hose Reducers

Reduces 1-in. pipe to fit regular ¾-in. hose. All brass. Price, 45c. Reduces ¾-in. pipe to fit regular ½-in. hose. Price, 45c.



Perfect Hose Menders

For ½-in. and ¾-in. hose. 20c each; doz. \$1.80.



Gem Nozzle

For ¾-in. hose \$1.10

Hose Washers (Rubber)

	¼ lb.	Lb.
¾-in.	\$0.30	\$0.90
1-in. ....	.35	1.25

Hose Bands (Caldwell's)

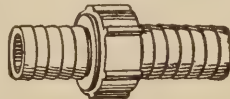
If wanted by Parcel Post, add 5c per doz. and 15c per gross for postage.

No.	For	Doz.	Gross
No. 8.	For 4-ply hose	\$0.80	\$8.75
No. 6.	For 3-ply hose	.75	8.00

Sure Grip Bands

Can be furnished in ½-in., ¾-in., and 1-in. size. 5c each; doz. 50c.

Brass Hose Couplings



	Pair	Doz.
½-in.	\$0.35	\$3.60
¾-in. ....	.35	3.60
¾-in. ....	.35	3.60
¾-in., long shank	1.25	

Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For ½- and ¾-in. hose—mention which is wanted when ordering. Pair 45c; doz. pairs \$4.50.

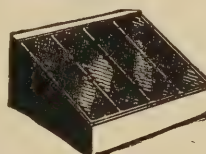
Quick Hose Connector

Handy brass automatic coupling. Slides on and off with ease. A great labor saver. Each Complete \$1.00
Faucet end only.30
Hose end only.70

Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your cold frames and newly planted seeds. Not affected by hail, snow, rain or wind and cannot break like glass. Highly translucent.

Running ft.	
28 in. wide, cut pieces	\$0.35
Rolls, 25, 50, 75, or 100 ft.	.33
36 in. wide, cut pieces	.45
Rolls, 25, 50, 75, or 100 ft.	.43



Flex-O-Glass

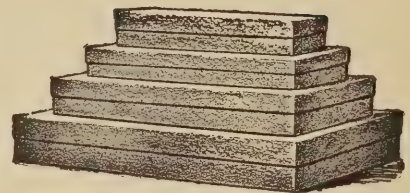
A glazed cloth used in place of glass for poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water, and wind. 3 ft. wide.

Yd.	
Cut pieces	\$0.75
Full roll lots (100 yds.)	.72

R-V-Lite Vitapane

A new transparent glass substitute used anywhere that glass is required. Allows passage of more than 60 per cent ultra-violet rays. Made from cellulose and reinforced with a tough netting fabric.

50-ft. rolls, 36 in. wide	\$10.80
50-yd. rolls, 36 in. wide	32.40
Less than 50-ft. rolls, 19c per lineal ft.	



Cut-Flower Boxes (Corrugated Paper)

Used exclusively for carrying and shipping cut flowers, as they are lighter than wooden ones. Prices include clips for setting up.

	Doz.	100
48x14x8 in.	\$6.50	\$50.00
24x 8x5 in.	3.00	22.00
30x12x6 in.	4.00	30.00
36x14x6 in.	4.75	40.00

Cut-Flower and Corsage Boxes

Climax Green lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila mist, tan, Oxford gray, can be supplied. Boxes shipped from stock are supplied not printed. Boxes printed, shipment from factory in about two weeks.

	Doz.	100
18x 5x3 in.	\$10.30	
21x 5x3 in.	11.50	
24x 5x3½ in.	13.50	
24x 8x5 in.	19.30	
28x 8x5 in.	23.50	
30x 5x4 in.	16.90	
30x10x6 in.	31.60	

Violet and Corsage Boxes (Climax Green)

9x6x5 in.	\$11.00
12x6x5 in.	11.60
12x5x4 in.	9.10

Special Note.—When it is desired to have Boxes printed, please add \$6.00 per 1000.

White and Colored Glazed, White Carnation, Green, Maroon and Durowrap Gray, Cheviot and Blue Onyx can be supplied at additional charge.

Paper for Wrapping Boxes and Flowers

	½ Ream	Ream
White Tissue. 24x36 in.	\$4.50	\$8.50
Wax, White. 24x36 in.	3.00	5.50
Wax, Green. 24x36 in.	3.00	5.50
Green Wax. In 3-in. wide rolls, for wrapping frames. Price, per roll, 35c; doz. rolls, \$3.60.		



Crepe Paper

Papyrus Brand.

Waterproof, heavy and strong. Why experiment with inferior paper? In moss-green, Nile-green, red, blue, pink, yellow, purple, lavender and white. 50c per roll; doz. \$5.40; \$42.00 per 100.

Prices Subject to Market Change.

MICHELL'S SPRAYING AND DUSTING APPARATUS

Putty Distributor

The best appliance for distributing putty. Price, \$1.50.



Glazit Gun

2 1/8 x 9 1/4 in.
For applying liquid glazing putty, mas-tica, etc. Price, \$3.75.

Glazing Chisel

Made of fine quality steel. Price, \$2.65.

Black Glazing Cement Masbestex

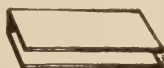
For waterproofing greenhouse gutters, roofs, etc.; also for making sash-bars water-tight. Gives excellent satisfaction. Apply with a mas-tica machine. Gal. \$1.25; 5 gals. \$5.50.

Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. \$4.25; 5 gals. \$20.00.

Peerless Glass Repair Clamp

Will not rust. Saves lights of glass. \$2.25 per 100.



Glazing Points

Peerless, No. 2 1/2. For double-thick glass. 90c per 1000.

Seibert Style. Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4-, and 7/8-in., lb. 80c; 5 lbs. \$3.75. (1000 to 1200 in a pound.)

Zinc Glazing Nails. 5/8-in., 3/4-in., 7/8-in., lb. 70c; 5 lbs. \$3.25.



Glazing Points
No. 1. Peerless
No. 2. Seibert's
No. 3. Zinc
Nails



Glass Cutters

Each
No. 8A. Large Diamond. Mahogany handle \$10.00
Single Wheel. Steel Doz. \$5.0050
6-Wheel. Adjustable75

Greenhouse White Paint

Undoubtedly the best and most economical white paint on the market today. Gal. \$6.75; 5 gals. \$27.00.

Skybryte Glass Cleaner

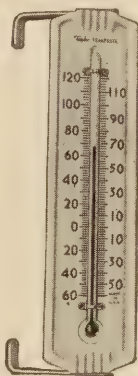
For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 feet of glass. 5 lbs. \$4.25, 25 lbs. \$20.00.

Thermometers

Maximum and Minimum.
Registers the coldest and warmest points during the previous night. Copper case. 10 in., \$7.50.

TESTED GRADE

No. 440. Tin case. 8 in. Red column \$2.85
No. 441. 10 in. 3.15
No. 442. Tin case. 12 in. Red column 3.25
No. 5127. Temprite greenhouse. 8-in. White enamel, red column 2.00

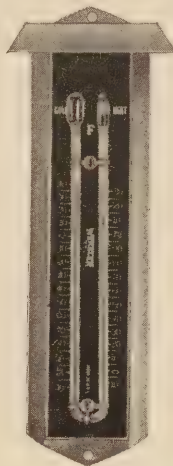


No. 5316A. Temprite Window or wall. 8-in. White enamel, red column \$2.00

Copper Case. 8 in. 3.60

Copper Case. 10 in. 3.85

Copper Case. 12 in. 4.75



Standard Greenhouse Thermostat



Automatic device for control of temperature in greenhouses. Alarm will guard against low or high temperatures 24 hours a day. Furnished complete with the exception of wire, battery and bell. All brass. Price, f.o.b. Philadelphia.

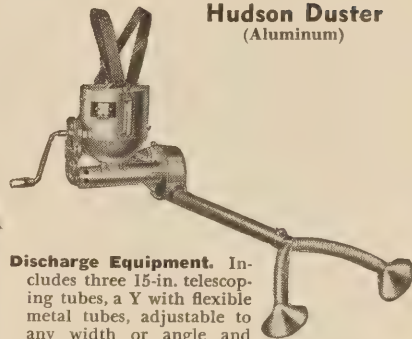
No. GH3. Not waterproof style \$17.00
No. GH4. Waterproof style 22.00

Mushroom or Hotbed Thermometers

Iron point. Silver column. Price, \$5.00.

Prices Subject to Market Change.

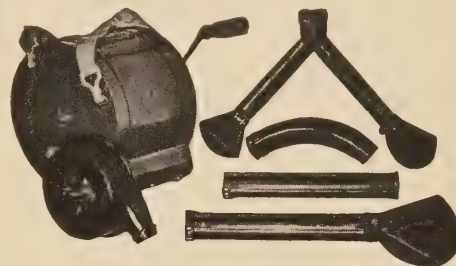
Hudson Duster (Aluminum)



Discharge Equipment. Includes three 15-in. telescoping tubes, a Y with flexible metal tubes, adjustable to any width or angle and two fan-shaped self-cleaning adjustable nozzles. Rotatable fan housing permits dusting in any direction throughout a complete circle without need for special fittings or tools.

No. 806. Roto-Power Duster. One in carton, 12 lbs. Price, \$35.65.

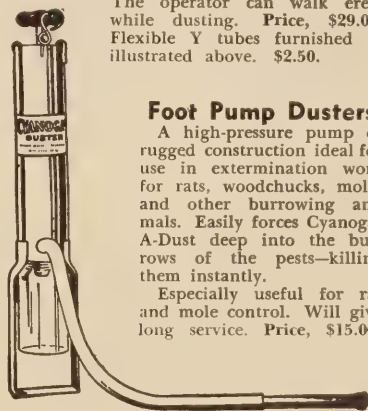
No. 801. Steel. Price, \$20.15.



Challenge Duster—Model C-3B

This Duster provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired.

The operator can walk erect while dusting. Price, \$29.00. Flexible Y tubes furnished as illustrated above. \$2.50.



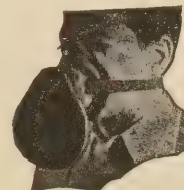
Foot Pump Dusters

A high-pressure pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service. Price, \$15.00.

Rubber Goggles

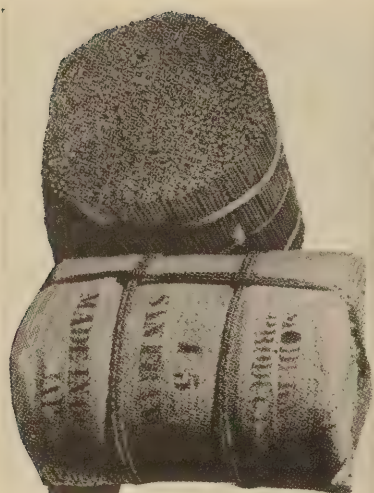
For protection of the eyes while working with harmful dusts and gases. Price, \$2.50.



Dupor Respirator

For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Price, \$2.50.

MICHELL'S FLORISTS' SUPPLIES



Bamboo Cane Stakes Dyed Green—Pencil Thickness

	Per 100	Per 1000	Per Bale (2000)
1½ ft.	\$0.65	\$ 3.50	\$ 6.00
2 ft.	.80	5.50	8.00
2½ ft.	.95	6.50	10.00
3 ft.	1.10	7.50	13.00
3½ ft.	1.30	10.25	16.50
4 ft.	1.45	11.00	18.00
5 ft.	1.75	14.00	24.50
6 ft.	2.15	17.00	28.00

10 Bales, less 5%. 25 Bales, less 10%.

GALVANIZED WIRE STAKES



No. 8 Steel Wire

	100	1000		100	1000
2 -ft.	\$3.25	\$30.00	4½-ft.	\$6.50	\$63.00
2½-ft.	4.00	38.00	5 -ft.	7.25	70.00
3 -ft.	4.75	44.00	5½-ft.	7.75	75.00
3½-ft.	5.50	50.00	6 -ft.	8.50	82.00
4 -ft.	6.00	57.00			

No. 10 Steel Wire

	100	1000		100	1000
3 -ft.	\$3.25	\$30.00	4½-ft.	\$5.00	\$48.00
3½-ft.	4.00	37.00	5½-ft.	6.00	57.00
4 -ft.	4.50	43.00	6 -ft.	6.50	62.00

Carnation Mending Staples
Staples. For calyx mending. 1000, 50c; 5000, \$2.40; 10,000, \$4.65; 25,000, \$8.75; 50,000, \$16.00.

Everlasting Stake Fasteners



Full size—the original heavy duty type.

GALVANIZED

500 for	\$2.40
1000 for	4.50
5000 for	20.00

Prices Subject to Market Change.

Stakes

Stakes Split Bamboo Dyed Green

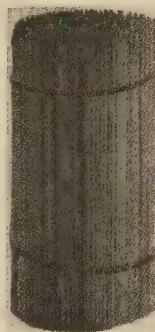
	Per 1000	Per Bale (5000)
12 in.	\$3.00	\$13.75
15 in.	4.00	18.75
18 in.	6.50	30.00

Hyacinth Stakes Wood Dyed Green

	1000 lots	6000 lots	12,000 lots
12 in.	\$4.50	\$25.50	\$48.00
15 in.	5.00	28.50	54.00
18 in.	5.50	31.50	60.00

Tonkin Bamboo

	Doz.	100	1000
4-ft.	\$1.10	\$6.75	\$70.00
6-ft.	1.80	11.50	110.00



Plant Stakes

Green-Painted Tapering Plant Stakes

	Doz.	100
1½ ft.	\$ 3.35	
2 ft.	5.25	
2½ ft.	1.00	7.25
3 ft.	1.30	9.25
3½ ft.	1.50	11.50
4 ft.	1.75	13.00
5 ft.	2.35	18.00
6 ft.	3.00	22.00

Green-Painted Heavy or Dahlia Stakes

	Doz.	100
3 ft.	\$2.20	\$15.50
4 ft.	2.75	20.00
5 ft.	3.25	24.50
6 ft.	4.00	30.00

Square, Painted Plant Stakes

	Doz.	100
1½ ft.	\$0.50	\$ 3.10
2 ft.	.60	4.50
3 ft.	1.00	7.50
4 ft.	1.60	11.00
5 ft.	2.00	14.00
6 ft.	2.35	18.00

Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Price, \$2.30 per box of 1000; per 5000, \$10.50.



Evermark Pencils

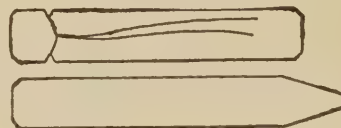
You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off.

Each 15c; doz. \$1.50.

Wired Toothpicks

Regular Size. Plain. 2½-in.	
10,000	\$ 6.00
50,000	19.00
3-in., dyed green.	
Box, 8,000	7.50
Case, 40,000	33.50
4-in., dyed green.	
Box, 4,500	6.50
Case, 10,000	14.00
6-in., dyed green.	
Box, 3,000	6.00
Case, 10,000	18.00
4-in., green unwired.	
Box, 4,000	3.00
Case, 10,000	7.00
6-in., green unwired.	
Carton, 3,000	3.00
Case, 10,000	9.00

LABELS



Tree Labels

	100	1000
Copper Wired. Painted	\$0.70	\$5.75
Copper Wired. Plain	.55	4.00
Zinc Sheet, Wired.		
Doz. 40c.	2.75	

Painted Labels

Pot	No. in Pkg.	100	1000
4-in., ⅝ in. wide	1000	\$0.60	\$3.75
5-in., ⅝ in. wide	1000	.70	4.00
6-in., ⅝ in. wide	1000	.90	4.50
Garden			
8-in., ⅞ in. wide	250	1.10	9.50
10-in., ⅞ in. wide	250	1.25	11.50
12-in., 1½ in. wide	100	2.00	16.50
Field			
18-in., not painted	100	\$7.25	\$28.50

Plain Pot Labels

A wonderful label made of almond wood, which will hold the marking for a considerable time, owing to the nature of the wood used. Very desirable for those who use labels in large quantities. Extremely well made.

	No. in pkg.	1000
4-in., ⅝ in. wide	1000	\$3.00
5-in., ⅝ in. wide	1000	3.25
6-in., ⅝ in. wide	1000	3.75
8-in., ⅞ in. wide	250	8.00
10-in., ⅞ in. wide	250	9.00
12-in., 1½ in. wide	250	15.00

Celluloid Pot Labels

Made of white celluloid. Excellent for greenhouse use.

	Doz.	100
No. 21. 4x⅝ in.	\$0.50	\$2.50
No. 22. 5x¾ in.	.70	3.50



Wired and Dyed Green

MICHELL'S FLORISTS' SUPPLIES

Raffia

We make a careful selection of long, broad strands for our trade.

Natural Color. Lb. 80c; 5 lbs. \$3.50.
Green. ½ lb. 75c; 1 lb. \$1.35; 5 lbs. \$6.00.

Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about ¼ in. wide, and comes 250 yards to a spool. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Spool of 250 yds. \$1.25; 6 spools \$7.00.

STONE WIRE



Wire

	12 lbs.
Stone No. 20. Annealed	\$2.00
Stone No. 22. Annealed	2.60
Stone No. 24. Annealed	2.75
Stone No. 19. Galv.	3.50
Stone No. 16. Galv.	3.25
Stone No. 18. Galv.	3.25
Stone. No. 20. Galv.	4.00
Stone. No. 22. Galv.	4.00
Stone. No. 24. Galv.	4.50

Green Enameled Florist Wire

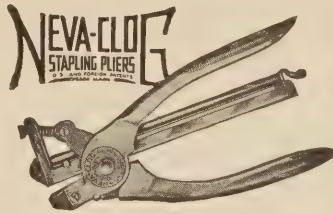
	12-lb. box
No. 16. 18-in. cut	\$3.00
No. 18. 18-in. cut	3.25
No. 19. 18-in. cut	3.50
No. 20. 18-in. cut	3.75
No. 21. 18-in. cut	4.00
No. 22. 18-in. cut	4.25
No. 23. 18-in. cut	4.50
No. 24. 18-in. cut	4.75
No. 26. 18-in. cut	5.00
No. 30. 18-in. cut	6.45
No. 32. 18-in. cut	8.40

Cut Bouquet Wire For Stemming Flowers

	18-in. length 12-lb. box
No. 16.	\$2.40
No. 18.	2.60
No. 19.	2.70
No. 20.	2.80
No. 21.	3.00
No. 22.	3.25
No. 23.	3.50
No. 24.	4.00

Wik-Fed Pots

Self watering, sub-irrigating pots with reservoir base. Wick feeds water and plant food from the reservoir. Ideal for African Violets and other indoor plants. Made of plastic, in choice of 7 shades—yellow, pink, blue, red, lavender, black or bronze. 4 in., \$7.20 per doz.; 5 in., \$10.80 per doz.



Neva-Clog Stapling Pliers

No. S100. Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.75.

Neva-Clog Staples

Box (1000) 45c.
5,000, \$2.00.

Markwell

Plier

Stapler



No. RX46. An ideal device for every office, businessman, florist, store, factory, school, and home. Compact and light in weight. Price, \$4.60.
Staples for above, 30c per 1000; per 10,000, \$2.75.

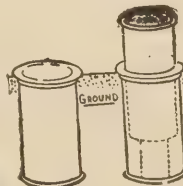
Twines, etc.



	Ball	Lb.
Jute. 3-ply. Weight per ball,		
½ lb. 5 lbs. \$4.00; 10 lbs. \$6.50	\$0.45	\$0.85
Special White Cotton. 3-ply	.60	1.10
2-lb. cones, \$2.25		
Tarred. For mat-making		.85
Tarred Sisal. For fodder		.80
Binder. 5-lb. balls, \$1.50; 5 balls, \$1.40 each; 10 balls, \$1.30 each.		
Express. No. 6. Very heavy		.85
Everbest Florist Thread. Lb. box (8 spools) \$1.50.		
Green Silkaline. F, fine; FF, medium; FFF, coarse. Lb. (8 spools), \$4.25.		
Green Sea Island. 1-lb. cones \$1.50. 12 balls per box, 1 lb. \$1.50.		

Ground-Level Cemetery Vase

Designed to bury in the ground. Inner cup sets up for service, turns down when not in use. Made of long-life metal. Aluminum finish. \$1.80 each; doz. \$19.00.



Cemetery Vases

For holding cut flowers on cemetery lots.

Tin. Enameled; large; green. Each 25c; doz. \$2.35; 100, \$23.00.



Flower Vases

Galvanized Iron

	Top	High		
	Diam. In.	Inside In.	Each	Doz.
No. 65.	7½	8	\$1.00	\$11.55
No. 66.	9	10	1.45	16.20
No. 67.	9	11½	1.50	16.75
No. 69.	9	18	1.80	20.60
No. 70.	9	24	2.55	25.00
No. 253.	5	10	.90	10.25
No. 254.	5½	11	1.00	11.35
No. 255.	6½	12	1.15	12.85
No. 256.	6½	13½	1.25	13.85
No. 257.	6½	15	1.35	14.95
No. 258.	6½	17	1.45	15.50

Tape

For tying boxes and packages.

Christmas Red. No. 21. 1000-yd. spools \$5.50.

Moss Green. No. 17. 1000-yd. spools \$5.50.

Tie Your Plants with "Twist-Ems"

Quick. "Twist-ems" save the tedious work of tying plants with twine or raffia and cutting each piece with a knife or shears. Simply put around the stem, twist and it is tied.



	Per carton of 24 boxes
No. C. 4 in. Box of 200	\$0.25 \$4.00
No. B. 8 in. Box of 100	.25 4.00
No. D. 16 in. Box of 100	.50 8.00

BULK — 250 per bundle

	1000	5000	10,000
4 in.	\$1.00	\$4.60	\$8.90
8 in.	1.75	8.00	15.50
16 in.	3.50	16.25	31.50

Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Pk. \$1.00; bu. \$2.50; 2½ bus. \$4.75.

Sphagnum, Dry. Finest quality. 10-lb. bag \$1.50. Burlapped bale \$6.75, \$62.50 for 10 bales.

Green Sheet. 10-lb. bag \$6.00.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S RIBBONS



Satin Ribbon No. 3

100-yd. bolt, 3/8-in. wide.

Beautiful, lustrous satin ribbon used by all leading florists who desire floral pieces of distinction.

The above ribbon in the following colors:

Aqua	Emerald	Pink
Azalea	Fuchsia	Purple
Better Times	Garnet	Red
Blue	Gray	Royal Blue
Chartreuse	Moss Green	Talisman
Dubonnet	Nile	White
Egg Shell	Orchid	Yellow

Price: \$1.40 each; 12-piece lots \$1.30 each.

Stayput Satin Ribbon No. 3

40-yd. bolt, 3/8-in. wide.

A new water-repellent corsage ribbon which stands up under any weather or moisture condition. Will keep its shape at all times. In same colors as above.

Price: \$2.00 each; 12-piece lots \$1.90 each.

Satin Ribbon No. 5

100-yd. bolt, 7/8-in. wide.

In same colors as above.

Price: \$1.80 each; 12-piece lots \$1.70 each.

Satin Ribbon No. 9

50-yd. bolt, 1 1/2-in. wide.

In same colors as above.

Price: \$1.50 each; 12-piece lots \$1.40 each.

Satin Ribbon No. 40

50-yd. bolt, 3-in. wide.

In same colors as above.

Price: \$2.25 each; 12-piece lots \$2.20 each.

Satin Ribbon No. 120

50-yd. bolt, 5-in. wide

In same colors as above.

Price: \$4.00 each; 12-piece lots \$3.90 each.

GOLD LETTERS and NUMBERS

No. 1. 1 3/8' in. A to Z. 1 to 9. 25 of a letter or number to the package.

Per 100 letters or numbers	\$0.35
Per 1,000 letters or numbers	2.00

Taffeta Ribbon (Pot Tye) No. 5

(Pat. 4204)

50-yd. bolt, 7/8-in. wide.

Azalea	Lavender	Orchid
Better Times	Moss	Red
Blue	Nile	White
Chartreuse	Pink	Yellow
Fuchsia		

Price: \$1.00 each; 12-piece lots 95c each.

Storm King

Waterproof red Ribbon. 50 yds per bolt.

No.	40. 3-in. wide	Each	Doz.
No. 40.	3-in. wide	\$1.40	\$1.35
No. 80.	4-in. "	1.80	1.75
No. 120.	5-in. "	2.25	2.20

Metalline Ribbon

Peacock—40-yd. bolt, 4 1/4-in. wide

Better Times	Orchid	Talisman
Blue	Pink	White
Lavender	Picardy	Yellow
Nile	Red	

Songbird—40-yd. bolt, 4 1/4-in. wide

Same colors as above.

Price: \$2.00 each; 12-piece lots, \$1.95 each.



METALLINE

Gold Script

10 30c; 100 \$2.50; 1000 \$20.00.

Ten words to each package and not less can be supplied.

Father	At Rest	Peace	Good Luck
Mother	Son	Niece	Grandmother
Brother	Our	Daughter	Grandfather
Sister	My	Darling	Sympathy
Husband	Asleep	Dear	Too Soon
Aunt	Baby	Success	Welcome
Uncle	Sleeping	Beloved	Friend
Comrade	Cousin	Family	Home
Nephew	Playmate	Classmate	Wife

Artificial Flowers

Suitable for wreaths and design work. Best quality imported and domestic grades.

Calla Lilies. (100 to a box.) Doz. 75c; 100 \$5.00.

Carnations. (50 to a box.) Colors: Pink, White, Yellow and Pink, White and Pink, Red. 100 \$4.50.

Cornflowers (Bachelor's Button). Blue. Gross \$5.00.

Dahlias. Lavender, Pink, Purple, Red, White, Yellow. 100 \$5.00.

Roses. (50 to a box.) White, Pink, Red, Ward. 100 \$4.50.

Strawflowers (Helichrysum). On wired stems. 100 \$2.50; 1000 \$22.50.

Ruscus

	Dyed Green	Dyed Red
Lb.	\$0.60	\$1.40
5 lbs., per lb.		1.30
10 lbs., per lb.	.55	1.10
25 lbs., per lb.	.50	1.00
100 lbs., per lb.	.40	.95

Lycopodium

Prepared and Dyed

	Green	Red
Lb.	\$0.45	\$1.80
5 lbs., per lb.	.42	1.75
10 lbs., per lb.	.40	1.65
25 lbs., per lb.	.37	1.60
100 lbs., per lb.	.35	1.50

Rose Leaves

	Gross
Green. Large size	\$1.25
Green. Small size	1.25

Statice, Natural

Lb. \$1.50; 10-lb. lots, \$1.25 per lb.; 25-lb. lots, \$1.15 per lb.; 100-lb. lots, \$1.10 per lb.

Thistles

Plain, tinted, and polychrome. In cartons containing an assortment of these colors. Carton (100) \$3.75.

Holly Berries (on stems)

	Gross	50 Gross
No. 112	\$0.35	\$15.00
No. 113	.35	15.00

Magnolia Leaves

	Carton (6 lb.)
Brown	\$3.50
Green	3.50

Cattails

	100
Natural	\$2.50
Metallic. Two tones	4.50

FLORISTS' SUPPLIES

Aluminum Foil Pot Wrap

An excellent item for every florist who sells pot plants. Improves the appearance of the plant and pot. Available in following colors: Platinum, Lavender, Fuchsia, Pink, Yellow, Moss, Blue, Royal, Black, Azalea, Orchid, Red, Gold, Nile, Chartreuse, and Purple.

12 Rolls
Single Rolls per roll

20-in. Silver. 50 ft. \$1.60 \$1.50
20-in. Colors. 50 ft. 1.70 1.60

Corsage Pins

The finest indestructible, domestic bouquet and Corsage Pin made. Colors: Violet, Pink, Red, Green, Pearl, and White.

Gross
No. 020. 2 in. Round head \$1.20
No. 020. 2½ in. Round head 1.20
No. 022. 2 in. Oval head 1.35
No. 022. 2½ in. Oval head 1.35

Natural Flower Dye

For tinting fresh cut flowers by absorption through the stem. Yellow, Pink, Red, Blue, Violet, Orange, St. Patrick's Green. Any species of flower which absorbs moisture readily may be used. Directions on each package.

Price, 50¢ per pkg.; 12 pkgs. \$5.50.

Paper Pot Covers

Made of waterproof crepe paper. Easily adjusted. Colors: Green, Red.

25 100
4-in. pot \$2.00 \$7.50
5-in. pot 2.50 8.50
6-in. pot 3.00 9.50



FLORALIFE PACKETS

100 PACKETS IN DISPLAY BOX \$5.00
500 imprinted packets, factory filled 5¢ ea.
1,000 imprinted packets, factory filled 4¢ ea.
5,000 imprinted packets, factory filled 3 3/10¢ ea.
10,000 imprinted packets, factory filled 3¢ ea.
1,000 imprinted, unfilled envelopes \$10.00

FLORALIFE BULK

30-qt. size (\$1 retail seller) \$0.60 | 500-qt. size (20 lbs. net) \$ 7.50
100-qt. size (\$3 retail seller) 1.75 | 1000-qt. size (40 lbs. net) 13.50
250-qt. size (10 lbs. net) 4.00 | 2000-qt. size (80 lbs. net) 25.00

Prices in U. S. only.

Florawax Prevents Wilt

For coating flowers and foliage with a transparent film that greatly retards evaporation.

Easy to apply; just spray or dip. Quick to dry—15 minutes. Transparent. Gal. \$2.50; 5-gal. drum \$10.00.

FLORAGLOW

Beauty treatment for pot plants. Just spray or wipe on. Instantly produces beautiful and lasting luster, yet looks natural.

6-oz. bottles—24 to case \$ 6.50
Case of 24—Spray tops for above 3.00
Case of 12—1-qt. bottles 10.10
Qt.85
Gallon 2.00

PAPER MACHE CONTAINERS

Rimmed Top Jardiers

Color: White only.

No. 4J1. 5¼-in. top diam. 100 per case, \$10.00.

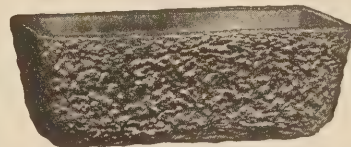
No. 5J1. 6¾-in. top diam., 90 per case, \$12.15.

No. 6J1. 7¾-in. top diam., 60 per case, \$9.90.

No. 7J1. 8¾-in. top diam., 40 per case, \$10.00.



Jardier Bulb Box



No. 4. Rectangular construction. Ideal for planting bulbous stock; waterproof; self-aerating. Length, 12 in.; width, 4½ in.; height, 4 in. 50 per case. \$13.50. White only.

Spray Vase No. 500

Weighted base prevents tipping. Use for funeral, hospitals, and all occasions.

Height 10 in.; diam. top 7½ in.; Color: white. 18 per case. \$6.66.



Rose Vase No. 400

Weighted base. White. Height 10 in. Top diam., 5¼ in. 40 diam., 5¼ in. 40 per case. \$9.60.



Wedgewood Vase



No. 600. White or green. Weighted base. Top, 10½ in. by 4½ in.; depth, 7½ in. 30 per case, \$9.90.

No. 100. White. 3½x5x2¾ in. deep. 100 per case. \$9.85.

WEED KILLERS

WEEDONE—New Improved

Contains the powerful 2, 4, 5-T and 2, 4-D, the two most effective chemicals for killing lawn weeds, poison oak, honeysuckle, wild blackberries, wild raspberries, and over 90 other weeds and woody plants WITHOUT KILLING THE GRASS. Non-poisonous to animals or humans. Directions on package. 8-oz. bottle 90¢; qt. \$2.45; gal. \$6.25; 5 gals. \$22.50.

WEEDONE—Brush Killer 32

A combination of the powerful 2, 4, 5-T and 2, 4-D. Highly effective in killing brush and weeds. Not recommended for lawns. Quart \$3.50; gal. \$7.85.

WEEDONE—Crab Grass Killer

Kill Crab Grass with Potassium Cyanate

A non-poisonous potassium cyanate formulation. Kills crab grass and chickweed without killing the desirable grasses. Harmless to people and pets. 6½ ozs. 90¢; 26 ozs. \$2.70; 6½-lb. can \$8.85.

WEEDEX

Positively destroys every kind of weed and vegetation wherever applied.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks.

Cannot be used in the garden, flower beds or on the lawn. Qt. 60¢; gal. \$1.75; 5 gals. \$8.00; 30 gals. \$38.50; 55 gals. \$71.00. Plus \$6.00 returnable deposit on drum.



Insecticides - Fungicides

ARAMITE

New miticide very effective against red spider for use in greenhouse and on outside crops. Will kill parathion-resistant varieties of spiders. 4 lbs. \$2.95.

ANTI-DAMP

"Stops damping off" of seedlings and cuttings. Harmless to plant. Pt. \$1.40; qt. \$2.25; gal. \$7.25.

ARSENATE OF LEAD

One to 1½ pounds diluted with 50 gallons of water, or may be used dry, like Paris Green. Lb. 65c; 4 lbs. \$1.80; 12 lbs. \$5.00; 48 lbs. \$19.00.

BENZO-FUME PRESSURE-FUMIGATORS

are guaranteed to contain not less than 17½% of azobenzene. Fumes generated in the Pressure-Fumigator can in which this specially compounded powder is packed, control greenhouse red spider. 1-lb. tins, \$5.50 per case of 12; ½-lb. tins, \$3.20 per case of 12.



BLACK-LEAF 40

Full directions on each package. 5 ozs. \$1.05; lb. \$2.42; 2 lbs. \$4.15; 5 lbs. \$9.20; 10 lbs. \$17.00; 50-lb. drum \$71.00.

BORDEAUX MIXTURE, POWDER

A 12¾% copper mixture for spraying purposes. Lb. 45c; 4 lbs. \$1.25; 12 lbs. \$3.50; 48 lbs. \$13.00.

CHLORDANE

6% Dust. For control of many garden and lawn pests such as ants, chiggers, cutworms, mole crickets, chinch bugs, grubs, etc. 1 lb. 60c; 4 lbs. \$1.35.

50% Wettable Powder. A highly effective stomach poison for some chewing insects that are resistant to DDT, very effective in the control of grasshoppers. 8 ozs. \$1.25; 4 lbs. \$3.75.

Emulsifiable Liquid 48E. ½ pint \$1.00.

COPPER-ROTENONE

0.75% Rotenone—insecticide and fungicide—rottenone combined with neutral copper for controlling many insects in flower and vegetable gardens, also fungous diseases responding best to copper treatment. Lb. 45c; 4 lbs. \$1.50.

CUSOL (Copper Solution)

Excellent spray for Carnation and Snapdragon rust and disease of the Grape, Pear, Apple and other fruits; also for leaf-blight and mildew. Pt. 75c; qt. \$1.25; gal. \$3.75; 5 gals. \$17.50.



CUPRINOL GREEN and CUPRINOL CLEAR

Insects and fungi just don't go in wood treated with Cuprinol. This excellent wood preserver is harmless to plants. One gallon covers 400 sq. ft. Qt. \$1.60; gal. \$4.25; 5 gals. \$19.80; 50 gals. \$189.00.

CUPRINOL No. 14 FOR FLORISTS

Especially prepared for dipping flats, stakes, etc. 5-gal. pails \$12.80; 50-gal. drums \$119.25. (Note: Use the regular Cuprinol for wood on benches and other permanent construction where application is made by brush or spray.)

CYANOGEN (Calcium Cyanide)

G. Fumigant. A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$3.75; 25 lbs. \$12.50.

A Dust. For killing rats, moles, woodchucks and other rodents. Lb. 90c; 5 lbs. \$3.75; 25 lbs. \$12.50.

DETEX

A 25% DDT spray that has been very favorably received. Because of other ingredients besides DDT, Detex has a strong deterrent effect on red spider, although it is not recommended for this pest. Compatible with most fungicides. Qt. \$4.25; gal. \$12.00.



Dimite is a new proven chemical giving quick initial kill and long residual action in control of mites and red spiders on flowers, evergreens, shrubs, and vegetables. Contains 25% Di-Methyl-Carbinol (DMC) in a water mixable solution. Qt. \$5.50; gal. \$14.00.

DDT

Duradust 50% wettable DDT. A powerful contact and stomach poison useful against many pests including thrips, leaf hoppers, mum midge, etc. Makes a highly residual spray. 1 lb. 70c; 4 lbs. \$1.80; 50 lbs. \$19.50.



DOWFUME MC-2

New control for most weeds and soil diseases in seed beds, greenhouses, and local areas. Insects are killed in all early life stages. Easy to apply. Price: 1-lb. pkg. 90c; case lots, 24 per case, \$20.40.

DOWFUME APPLICATOR \$5.00.

FERMATE

is effective for control on Apples, Pears, Sweet Cherries, Celery, Tomato. Also black spot on Roses, septoria leaf spot on Chrysanthemums and Snapdragon rust. 8 ozs. 70c; 3 lbs. \$2.65; 50-lb. drum \$37.50.



FISH-OIL SOAP No. 1

It is nice for washing Lemon trees, Oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25; 25 lbs. \$4.00; 50 lbs. \$7.25; 100 lbs. \$12.50.



FORMACIDE

A stabilized formaldehyde dust, triple-strength seed- and soil-disinfectant, used as a control of damping-off. Lb. 80c; 5 lbs. \$2.00; 25 lbs. \$8.50; 50 lbs. \$14.00; 100 lbs. \$27.00.

JAPELLENT

A two-fold action spray; kills beetles and other leaf-eating and sucking insects. Its powerful repellent properties assure protection against reinfestation. Arsenic-free. Trial size 45c; garden size \$1.35.

LEMON-OIL INSECTICIDE

Effectually destroys mealy bug, scale, thrips and red spider. Pt. 65c; qt. \$1.20; gal. \$3.25; 5 gals. \$14.75.

LIME-SULPHUR, LIQUID

For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of Peaches. Qt. 45c; gal. \$1.10; 5 gals. \$4.00; drum (30 gals.) \$10.50; bbl. (55 gals.) \$18.00.

LIME-SULPHUR, DRY POWDER FORM.

Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 60c; 5 lbs. \$2.35; 25 lbs. \$7.50; 50 lbs. \$14.00.

LINDANE

5% Spray—quick, positive insect control effective 3 ways—when eaten, by contact, and by fumigating action. Useful in protecting flowers and foliage of all kinds, both indoors and out. 4 ozs. 60c; pint \$2.00.

MALATHON

Aphid and mite spray containing 50% Malathion. One of the newest insect killers recommended for control of many hard to kill insects. An emulsifiable insecticide. 4 ozs. \$1.00; gal. \$4.50.



MARLATE 50

is used for the control of codling moth, Oriental fruit moth and Japanese beetle on early-ripening Apples, Peaches, and Plums and is also compatible with most common insecticides. As a spray for these insects, use 2 to 3 lbs. of MARLATE 50 per 100 gals. of water. As a dust, dilute 10 to 15 lbs. of MARLATE 50 with 90 to 95 lbs. of micaceous talc, pyrophyllite, or sulphur. 4 lbs. \$4.00; 50 lbs. \$45.00.

NAPHTHA FLAKES

For cleaning the soil. Will control thrips, sowbugs, and other earth vermin. 10 lbs. \$2.50; 25 lbs. \$6.00; 50 lbs. \$11.50; 100 lbs. \$22.00.

NICO-FUME, LIQUID

A modern insecticide for vaporizing and spraying. Lb. \$2.60; 2 lbs. \$3.45; 8 lbs. \$11.95; 40 lbs. \$51.60.

NICO-FUME POWDER PRESSURE FUMIGATOR



Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. ½-lb. size, 50c each; case lots of 1 doz., \$4.60. Lb. size, 80c each; case lots of 1 doz. \$7.95.

NICOTINE PYROX

An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. 20 ozs. 60c; 5 lbs. \$2.50.

OPTOX

Acts both as contact and stomach poison for chewing or sucking insects. Pt. \$2.50; qt. \$3.70; gal. \$12.00; 5-gal. drum \$55.00.

PARA-DICHLOROBENZENE

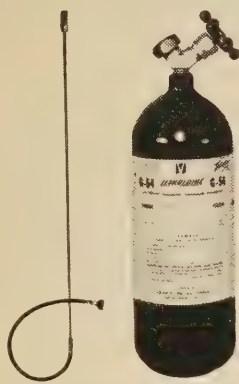
For Peach-tree borers. Full directions on each package. 1-lb. can. 60c; 5-lb. can \$2.70.

PARATHION DUST

15% wettable (for outdoor use only). Use as a spray to control Cyclamen mite on Delphiniums, red spider on evergreens, Azaleas, Hydrangeas, etc. 1 lb. \$1.15; 4-lb. bag \$7.00.

AEROSOL BOMBS – Refillable

The Modern Method of Pest Control



Parathion, No. G54

Wide range of killing action and particularly recommended for hard-to-kill insects such as mealy bug, leaf roller and Suriam roach. Where red spider mite is found to be resistant, switch to HEPT. One bomb treats 200,000 cu. ft. 4-lb. bomb \$8.00 (shell deposit \$3.75).

DDT-Greenhouse, No. G50

5% DDT. For greenhouse use only—for white fly, thrips and some other insects on all crops except Cucumbers. One bomb treats 200,000 square feet. 4-lb. bomb \$8.50 (deposit \$3.75).

Dithiono, No. G57

5%. For general floral greenhouse use, particularly against red spider resistant to parathion. Also unusually effective against mealy bug, aphids, white fly and thrips. One bomb treats 200,000 cubic feet. 4-lb. bomb \$8.00 (shell deposit \$3.75).

TEPP, No. G52

5%. For flowers and vegetables. Kills red spider, many aphids and adults of white fly. Low-cost bomb. No residue. One bomb treats 400,000 cu. ft. 4-lb. bomb \$6.50 (deposit \$3.75).

Malathion G62

15%. For spider mite, white flies on Roses, Chrysanthemums and Carnations. Covers 200,000 sq. ft. 4-lb. bomb, \$9.75.

Aramite No. G60

10%. Especially effective against the resistant red spider. 4-lb. bomb contains 10% Aramite and treats 200,000 cu. ft. Use two applications one week apart. 4-lb. bomb, \$12.00 each.

Applicator

Including sling (with adjustable shoulder strap) for carrying bomb, 3-ft. nozzle rod and 3-ft. connecting hose. \$7.00.

Gas Mask

Isco Industrial Gas Mask complete with canister, \$30.00. Replacement canister, \$3.25.

PARZATE

is du Pont's newly developed dithiocarbamate fungicide which may be used as a spray or a dust for the control of many important plant diseases. Lb. \$1.20; 3 lbs. \$2.85; case of 12, \$31.20; 50 lbs. \$45.00.



POMO-GREEN New, Improved

A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Lb. 75c; 4 lbs. \$2.60.



P-40

Contains 2% of sodium selenate in granular superphosphate for dry application. Broadcast as fertilizer at the rate of 3 pounds per 100 square feet. 50 lbs. \$13.75; 100 lbs. \$26.00; 500 lbs. \$126.00.

RED ARROW INSECT SPRAY

(Pyrethrum Soap)

A safe, efficient insecticide for use against sucking and chewing insects. ¼ pt. 90c; pt. \$2.50; qt. \$4.50; gal. \$14.50.

ROTECIDE, EXTRA

A safe insect spray for the control of mealy bugs, white flies, midges, aphids, etc. Not injurious to tender plants. Qt. \$3.00; gal. \$8.00.

ROTENONE DUST

An economical, effective insecticide, non-poisonous to humans. For leaf-eating insects attacking vegetables. Lb. 30c; 4-lb. bag \$1.10; 50 lbs. \$9.00.

SCALECIDE

Used for the destruction of the San Jose scale. Spray when the trees are dormant. Qt. \$1.00; gal. \$2.50; 5 gals. \$7.65; 15 gals. \$19.50.

SEMESAN

A mercuric disinfectant for the control of many seed, plant, and soil diseases. 4 ozs. 90c; 12 ozs. \$2.85; 25 lbs. \$52.05.

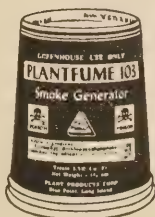
SLUG SHOT, Dust

For Currant worms, Rose slugs, Cabbage worms and almost any soft-shelled insects. 1-lb. carton 40c; 5 lbs. \$1.55; 25 lbs. \$5.00.

PLANTFUME 103 Smoke Generators

It is not a bomb but will do everything a bomb does. It is a smoke generator. The generated smoke is laden with minute particles of insecticide. When the required number of generators are ignited, the smoke carries the insecticide to every part of the greenhouse, insuring complete coverage of the plants for insect control.

36 1¼-oz. pkgs. to carton — covers 5,000 cu. ft. \$10.50
12 7-oz. pkgs. to carton — covers 20,000 cu. ft. 12.50



SOAP

(C. P. O.). For control of many insects on evergreens, flowering plants, fruits and vegetables. Pt. 90c; qt. \$1.50; gal. \$3.90; 5 gals. \$14.00.

SODIUM SELENATE

(Concentrate.) One pound in solution covers 1800 square feet. Lb. \$7.00.

SNAROL, Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 2½-lb. pkg. 85c; 6-lb. pkg. \$1.60; 50 lbs. \$10.80.



SPREADER, GRASSELLI

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt. \$1.20; gal. \$7.85; 5 gals. \$37.50.

SULPHATE OF COPPER

For destroying fungous diseases; also used in making Bordeaux mixture and for spraying Potato vines in connection with Paris Green. 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$4.00; 100 lbs. \$14.50.

SULPHATE OF ALUMINUM

Used in conjunction with hydrated lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of aluminum sulphate with 6½ pounds of hydrated lime will make 33 gallons of diluted spray. 25 lbs. \$1.45; 50 lbs. \$2.75; 100 lbs. \$4.00.

SULPHUR

(Flowers.) 5 lbs. 90c; 10 lbs. \$1.65; 25 lbs. \$3.15; 100 lbs. \$12.00.

SULPHUR, WETTABLE, Dritomic

A greatly improved summer fungicide containing 95% sulphur of 325-mesh fineness. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf spot, mildew, rust, etc. 2 lbs. 40c; 5 lbs. 70c; 50 lbs. \$6.00.

SUNOCO SPRAY OIL

For the control of scale insects, red spider, aphids, thrips, etc.; cheap, effective and pleasant to handle. Gal. \$1.50; 5 gals. \$5.75; 55 gals. \$33.00.

SOIL CONDITIONERS

Krilium

The new Miracle Soil Conditioner. Transforms hard clay and "problem" soil into loose crumbly particles, making cultivation easy and permitting moisture to be readily absorbed. One treatment lasts for years. 1 lb. \$1.39; 5 lbs. \$4.95; case of 6, \$19.80.

DuPont Soil Conditioner W

For improving hard clay soils. Benefits plant growth, reduces soil crusting and increases water absorption. 4 ozs. \$1.25; 8 ozs. \$1.95; 2 lbs. \$6.75.





Insecticides - Fungicides

TARTAR EMETIC. To control Gladiolus thrip, use 4 lbs. tartar emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.15; 5 lbs. \$5.50; 25 lbs. \$25.00.

TOBACCO DUST, FOR DUSTING. 10 lbs. 85c; 25 lbs. \$1.50; 100 lbs. \$5.00; 500 lbs. \$20.00; ½ ton \$37.50.

TO-NA-CIDE. An effective soil-fumigant that kills thrips, millipedes, sowbugs, etc. 25 lbs. \$6.00; 50 lbs. \$11.50; 100 lbs. \$22.00.

VAPOTONE. A new organic insecticide containing tetraethyl pyrophosphate. Acts primarily as a contact poison for the control of red spiders and mealy bugs. Pt. \$2.50; gal. \$11.90.

VOLCK. (Oil Spray.) A highly refined insecticide spray carrier for use against mealy bugs, scale insects, red spiders, and white flies on plants. This fine product also acts as an excellent leaf polish. 16 ozs. 70c; 31 ozs. \$1.25; gal. \$2.85; 5 gals. \$8.50; 28 gals. \$36.00 (Plus \$1.00; drum charge.)

WILSON'S O. K. PLANT SPRAY. A powerful, efficient insecticide for aphids, red spider, mildew, scale, etc. Qt. \$1.10; gal. \$3.40; 5 gals. \$13.50; 30 gals. \$63.00; 50 gals. \$97.50.

ZERLATE. Use as spray or dust to control early Potato blight, Celery blight, anthracnose and leaf-spot on Tomatoes, leaf and wilt diseases on cucurbits, brown rot on Peaches. Descriptive circular on request. 3 lbs. \$2.65; 50 lbs. \$36.50.

Black Cloth For Shading

Two standard grades, tested and approved by commercial growers. Furnished in 36-in. widths or sewed into wide sheets, in multiples of 18 in. to specifications.

No. 575. Sewed. 90c per sq. yd.

No. 28. Sewed. 95c per sq. yd.

Green Glo

The Spray-On Plant Polish

Don't wipe or clean plant leaves as it may cause bruising. Just spray on Green Glo and let dry.

8-oz. \$7.00 per case of 24.....suggested retail price 50c each

1-qt. \$11.00 per case of 12.....suggested retail price \$1.50 each

1-gal. \$12.00 per case of 4.....

Sprayer applicator (8-oz. and qt.) \$1.80 per doz.

suggested retail price..... 25c each

Sure Shot Air Pressure Sprayer (gal.).....\$7.00 each

ROOTONE

Reg. U. S. Pat. Off.

Roots cuttings faster and makes more roots. Just dip cuttings in the dry powder and set in the propagating bed. ¼-oz. pkg. 25c, 2 ozs. \$1.00, doz. \$8.00, lb. \$5.00, doz. \$40.00.

KAPCO

SOLUBLE FERTILIZERS

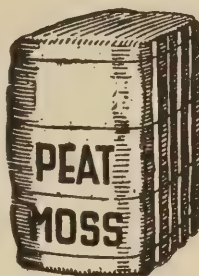
Ideal for potted plants as a starter solution, and greenhouse bench crops. Used by commercial growers all over the United States who claim it is the best fertilizer they ever used. Completely 99¾% water soluble. Safe and easy to apply. Contains color tracer. Water and feed in one operation. 2 lbs. makes 100 gallons of feed.

	25 lbs.	80 lbs.	800 lbs.
15-30-15	\$5.50	\$16.00	\$144.00
20-20-20	5.50	16.00	144.00

AZALEA ACID

21-7-7

The new chelated iron complex formula for feeding all plants in alkaline soils. Two lbs. makes 100 gallons of feed. 20 ozs. 80c (12 per case); 25 lbs. \$6.50; 80 lbs. \$20.00.



PEAT MOSS Granulated

Large bale \$5.50
½ bale 3.25

We offer only the highest grade, clean granulated peat moss, certified as to quality and uniformity. A valuable source of organic matter when incorporated with the soil.

Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Pk. \$1.00; bu. \$2.50; 2½ bus. \$4.75.

Sphagnum, Dry. Finest quality. 10-lb. bag \$1.50. Burlapped bale \$5.00; \$45.00 for 10 bales.

Green Sheet. 10-lb. bag \$6.00.

HORMODIN POWDER

Reg. U. S. Pat. Off.

Simply dip moistened stems in Hormodin Powder and place in usual propagating medium. For house, garden, and greenhouse plants use Hormodin Powder No. 1; also available as Powder No. 2 for woody types, and Powder No. 3 for evergreens.

No. 1, 1¼ ozs. 50c; lb. \$3.00. No. 2, 1¼ ozs. 75c; lb. \$4.50. No. 3, oz. \$1.00; ½ lb. \$4.50. Combination pkg. \$1.35.



Proliferol (Red Leaf) Powder

Used to dust seeds and cuttings to produce better roots quicker. Has proved particularly effective on Geraniums. 2-oz. jar \$1.00; 1-lb. jar \$4.50.

Terra-Lite (Vermiculite) Plant Aid

A growing medium for rooting cuttings, for plant propagating, seed germination, mulch, lightening heavy soil, storing bulbs. 2-bu. bag size (14 lbs.), \$1.50 per bag; 5 or more bags, \$1.15 each. 4-cu.-ft.-bags (20 lbs.), \$2.00; 5 or more bags, \$1.50 each.

FLORISTS' SUNDRIES

Bull Dog Clips. For fast-

ening packages, boxes, etc. Box (1000) 70c.

Carnation Dye, Green. Pkg. 50c.

Celery Paper. 3 ft. wide;

167 lineal ft. Roll \$7.50.

10-roll lots, \$7.25 per roll.

Celery Tape, Red. 1000-yard spool \$5.75.

Celery Tape, Green. 1000-yd. spool \$5.75.

Charcoal, Lump. 50-lb. bag \$4.00.

Charcoal, Ground. 25 lbs. \$1.50; 100 lbs. \$5.00.

Leaf-Mould (Jersey Peat). Pk. \$1.00; bu. \$2.50; bbl. bag \$4.00.

Mouse Seed. For destroying mice. Pkg. 25c.

Pearl Chips. For bulb bowls, aquariums, etc. White and assorted colors. Pkg. 10c;

12 pkgs. \$1.00; 25 pkgs. \$2.00; 100 pkgs. \$7.50.

Pearl Chips, White or Assorted. In

bulk. 10 lbs. 85c; 25 lbs. \$1.75; 100 lbs. \$6.00.

Peat, Orchid. Lb. 50c; 5 lbs. \$2.50; 10-lb. bag \$4.00.

Pebbles. Qt. 10c; 25 lbs. 75c; 100 lbs. \$2.50.

Philly Fern Pins. 10-lb. ctn. \$3.80.

Sand. For propagating. 25 lbs. 50c; 100 lbs. \$1.75; 500 lbs. \$7.00.

Shaderine. 5 lbs. \$2.25; 10 lbs. \$4.25.



Michell's High-Grade Fertilizers

PLEASE NOTE—No smaller quantity of fertilizer than here offered can be supplied.



ADCO. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 5 lbs. \$1.35; 20 lbs. (sufficient to make ½ ton of manure) \$3.15; 150 lbs. \$18.00.

AGRICO FOR LAWNs, TREES and SHRUBS. 25 lbs. \$1.70; 50 lbs. \$2.55.

AGRICO FOR GARDENS, FLOWERS and VEGETABLES. 25 lbs. \$1.70; 50 lbs. \$2.30.

AGRICO FOR BROADLEAF EVER-GREENS. 25 lbs. \$2.20; 50 lbs. \$3.00.

AGRINITE. New, improved all-organic plant food containing over 8% nitrogen, for lawns, flowers, vegetables. Non-burning. 80 lbs. \$4.00.

BLOOD, DRIED. For indoor culture of flowering plants like Roses, Carnations, etc. 25 lbs. \$5.00; 50 lbs. \$9.00; 100 lbs. \$16.00.

BONE FLOUR. 25 lbs. \$2.50; 50 lbs. \$4.00; 100 lbs. \$6.25; ½ ton \$60.00.



BONEMEAL, MICHELL'S SPECIAL FLORISTS BRAND. Apply 800 to 1000 lbs. per acre. 25 lbs. \$1.70; 50 lbs. \$3.25; 100 lbs. \$5.50; ½ ton. \$55.00.

BOVUNG. A natural cow manure containing not less than 75 per cent organic matter. Free from live weed seeds. Excellent for potted and field-grown plants. 50 lbs. \$2.45; ton in 50-lb. bags, \$72.00.

COTTONSEED MEAL. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 25 lbs. \$2.50; 50 lbs. \$5.00; 100 lbs. \$8.50; ½ ton \$68.00.

COW MANURE, PULVERIZED. Thoroughly sterilized and weedless. 25 lbs. \$1.75; 50 lbs. \$2.85; 100 lbs. \$5.45; ½ ton \$48.00; ton \$86.80.

ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It can be used for almost any purpose. Can be shipped from Lynn, Mass. 80-lb. bags only, \$6.00.

FERTILIZER 5-10-5. 100 lbs. \$4.00; ½ ton \$31.00; ton \$56.00.

HORN SHAVINGS. Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in Chrysanthemum growing. 25 lbs. \$5.00; 50 lbs. \$8.00; 100 lbs. \$13.50.

HY-GRO. The soluble plant food and starter solution. For the HY-GRO 13-26-13 formula means 13% nitrogen, 26% phosphorus and 13% potash, to which growth hormones and other helpful plant nutrients are added. 10 lbs. \$4.00; 25 lbs. \$7.90; 50 lbs. \$15.00; 100 lbs. \$28.60.

HYPER-HUMUS is now packed in a new moisture-proof polyethylene bag to preserve effectiveness. Especially desirable for mixing with potting soil. 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. \$14.50; ½ ton \$27.00. Truckload lots (minimum 10 tons in bulk), \$13.50 per ton, F.O.B. Newton, N. J.



HYPONEX PLANT FOOD. Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Lb. 90c; twelve 1-lb. pkgs. \$8.00; 10 lbs. \$5.35; 25 lbs. \$10.00; 50 lbs. \$16.65; 100 lbs. \$26.65.

KAPCO. Liquid Fertilizer. (See opposite page.)

LEGUME-AID. For Alfalfa and all Clovers, 1-bu. size 50c; 2½-bu. size \$1.00. For Soy Beans, up to 2-bu. unit 30c; 5-bu. unit 55c. Vetch, Winter Peas, Field and Garden Peas, 10-lb. unit 50c. Lima Beans, 100- to 120-lb. unit 30c; 5-bu. unit 55c.

LIME, HYDRATED or POWDERED. 50 lbs. \$1.10; 100 lbs. \$1.85; 500 lbs. \$8.75; ½ ton \$15.00.

LIMESTONE, PULVERIZED. Apply 1 ton per acre. 80-lb. bag 90c; 5 bags \$4.00; 10 bags \$7.50.

LIQUA-VITA. A liquid plant food containing 3 major plant foods, plus Vitamin B₁, plant hormones, and 9 secondary plant foods. As safe on small seedlings as on large plants. Qt. \$1.10; gal. \$3.00.

MICHIGAN PEAT. The ideal medium for plant growth. Scientifically prepared, weed free, screened, odorless, ready for use. Will not burn. 25 lbs. \$1.50; 50 lbs. \$2.25; 100 lbs. \$4.25; 1000 lbs. \$40.00. Write for prices on carload lots (minimum 20 tons in bulk).

MURIATE OF POTASH. Apply 100 to 150 lbs. per acre, usually with other fertilizers. 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.00.

NITRATE OF SODA. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application easier. Use only after plants are above ground. 10 lbs. \$1.50; 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.00.

PHOSPHATE, AMMONIATED. Apply 800 to 1000 lbs. per acre broadcast. 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00; ½ ton \$35.00.

PHOSPHATE, SUPER (20 per cent). Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$2.50; ½ ton \$22.50; ton \$42.50.

PLANTABS. An odorless plant food in tablet form, for all plants in the house or garden. They dissolve in water almost instantly and make a wonderful liquid fertilizer. Doz. 10c size 75c; doz. 25c size \$2.40; doz. 50c size \$4.00; doz. \$1.00 size \$8.00.



SALT. For agricultural purposes. Apply 800 lbs. per acre. 100 lbs. \$2.50; 200 lbs. \$4.50; ½ ton \$20.00.

SHEEP MANURE, WIZARD BRAND. Apply 1000 lbs. per acre. 50 lbs. \$2.85; 100 lbs. \$5.45; ½ ton \$48.00; ton \$86.80.

SULPHATE OF ALUMINUM. Adapted for fertilizing Rhododendrons and other plants requiring an acid soil. 25 lbs. \$1.45; 50 lbs. \$2.75; 100 lbs. \$4.00; ½ ton \$35.00.

SULPHATE OF AMMONIA. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25 per cent of ammonia. 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.00; ½ ton \$60.00.

SULPHATE OF IRON. 25 lbs. \$1.25; 50 lbs. \$2.75; 100 lbs. \$4.00.

SULPHATE OF POTASH. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis: Equal to 50 per cent of actual potash. 25 lbs. \$3.25; 50 lbs. \$5.50; 100 lbs. \$9.00.

TANKAGE. 25 lbs. \$3.00; 50 lbs. \$5.00; 100 lbs. \$9.00; ½ ton \$75.00.

VIGORO. A specially prepared food containing all the elements necessary for finest growth. Recommended for commercial growers and farmers. 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$4.85.

WONDER WORKER FERTILIZER. A high-grade animal-base fertilizer, for growing all vegetable crops. 100 lbs. \$5.00; ½ ton \$45.00.

All Prices Subject to Market Change.

Michell's

Only the Best Since 1890 Seeds - Plants - Bulbs - Supplies

CONDITIONS OF SALE

Due to constant market fluctuation, all prices in this catalog are subject to change without notice.

WARRANTY

"The Henry F. Michell Company warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied."

FORWARDING SERVICE

Flower Seeds, Vegetable Seed (except Peas, Beans and Corn), listed in catalog, prepaid anywhere in the United States.

Please remit postage for all Bulbs, Plants, Insecticides, and Sundries, if desired by parcel post. Refer to postal chart for amount. Shipments too large for parcel post will be sent express or freight collect.



General Offices and Warehouse
3rd and Spruce Sts.

PARCEL POST RATES FROM PHILADELPHIA

Subject to Change

	First Pound or Fraction	Each Additional Pound or Fraction
LOCAL RATE, PHILADELPHIA	\$0.18	\$0.02
1st and 2nd ZONES—51 to 150 MILES	.23	.04
3rd ZONE—OVER 150 UNDER 300 MILES	.23	.06
4th ZONE—OVER 300 UNDER 600 MILES	.24	.07
5th ZONE—OVER 600 UNDER 1000 MILES	.26	.10
6th ZONE—OVER 1000 UNDER 1400 MILES	.28	.12
7th ZONE—OVER 1400 UNDER 1800 MILES	.30	.14
8th ZONE—OVER 1800 MILES	.32	.19

Plants, Trees, Shrubs, Seeds, Bulbs, to all Zones, weight limit 70 lbs., size 100 inches. Other Parcels as follows—between First Class Post Offices, Zones, Local, First and Second, weight limit 40 lbs., size 72 inches. Zones Three to Eight, weight limit 20 lbs., size, 72 inches.

Please include Postage to cover items Not Prepaid.

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DISCOUNTS

For Cash with Order, or Payment within 10 days of invoice:

Flower and Vegetable Seeds—

5% on orders of \$5.00 to \$25.00.

8% on orders of \$25.00 or over.

All other items, 2%.

NO Discounts on Special Quotations.

For Prompt and
Courteous
Service



Call LOmbard 3-5620

For YOUR CONVENIENCE

We have a special sales room at our 3rd and Spruce Sts. building which is easily accessible to our eastern Pennsylvania and New Jersey customers. Here, at all times, there is ample parking space and complete stock for your requirements.

Michell's

FLOWER POTS and TUBS

Vita-Bands



VITA-BAND D contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Then Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

VITA-BAND 10 for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Especially good for annuals and vegetables.

VITA-BAND H. The new successor to Vita-Band "40." A solidly constructed nutrient-treated plant band that will absolutely control the root growth of plants which demand extra-long growing periods.

	1½x1½ x 2½	1¾x1¾ x 2½	2x2 x 2½	2x2 x 3	2½x2½ x 3	3x3 x 3	4x4 x 3	4x4 x 4
Vita-Band 10	\$3.70	\$4.00	\$4.55	\$5.05	\$6.00	\$6.90	\$9.00	\$11.25
Vita-Band D	3.85	4.15	4.65	5.35	6.05	7.05	9.25	11.60
Vita-Band H		5.45	5.80	6.90	7.65	8.50	10.45	12.90



Prices per Thousand

Earthen Flower Pots

	Doz.	100	1000
1 inch	\$0.50	\$ 3.00	\$ 20.00
1½ inch	.50	3.00	20.00
1¾ inch	.50	3.00	20.00
2 inch	.50	3.00	20.00
2¼ inch	.50	3.00	20.00
2½ inch	.60	3.50	25.00
3 inch	.75	4.25	30.00
3½ inch	.80	5.00	38.00
3¾ inch	.90	6.00	47.50
4 inch	.90	6.00	47.50
4½ inch	1.25	8.00	62.50
5 inch	1.65	10.50	85.00
5½ inch	2.00	13.00	105.00
6 inch	2.25	15.00	125.00
6½ inch	2.50	17.00	
7 inch	2.75	19.00	
8 inch	3.75	28.00	
9 inch	6.00	45.00	
10 inch	7.50	57.00	
12 inch	15.00	115.00	

Earthen Saucers

	Doz.	100
3 inch	\$0.60	\$ 4.50
4 inch	.70	5.00
5 inch	.85	6.50
6 inch	1.25	9.50
7 inch	1.75	14.00
8 inch	2.50	19.00
9 inch	3.25	24.00
10 inch	5.00	38.00
12 inch	7.75	60.00

Bulb Pans

	Doz.	100
6 inch (\$125.00 per 1000)	\$ 2.25	\$ 15.00
7 inch	2.75	19.00
8 inch	3.75	28.00
9 inch	6.00	45.00
10 inch	7.50	57.00
12 inch	15.00	115.00

Azalea Pots

	Doz.	100	1000
5 inch	\$1.65	\$10.50	\$ 85.00
6 inch	2.25	15.00	125.00
7 inch	2.75	19.00	
8 inch	3.75	28.00	
9 inch	6.00	45.00	
10 inch	7.50	57.00	

**Earthenware cannot be Mailed.
Plus 10% Packing Charge on All Ship-
ments Outside Delivery Zone.**



Keystone Tub

Keystone Tubs

	Top Diam.	Depth	in.	in.	Each	Doz.	100
No. 2.	7x	7	\$1.10	\$12.50	\$100.00		
No. 3.	8x	8	1.20	13.50	105.00		
No. 4.	9x	9	1.40	15.00	110.00		
No. 5.	10x	9	1.60	17.40	130.00		
No. 7.	12x11		2.50	27.00	210.00		
No. 9.	14x13		3.40	39.00	310.00		
No. 11.	16x15		4.25	49.25			
No. 13.	18x17		5.75	66.00			



Rubber Saucers

	Each	Doz.
No. 1. 5½ inch	\$0.25	\$ 2.75
No. 2. 7½ inch	.45	5.00
No. 3. 10½ inch	1.00	11.00
No. 4. 12¼ inch	2.00	22.00

Bird's Perennial Pots

The Bird Perennial Pot is made of a much tougher material than other heavy pots. The hard, smooth coating inside and out adds to the toughness and eliminates any possibility of sticking.

Solid stapled bottom with openings for drainage, allows growers to pick up 2 or 3 pots in each hand, by the edges, after potting, without losing soil through the bottom of the pot.

Top Diam.	Height	Per Case	1000
5 inch	5½ inch	\$ 7.75	\$36.50
6 inch	6½ inch	10.75	51.50
7 inch	9½ inch	13.00	62.85

Packed 200 to case.

Tom Thumb Flats

1000

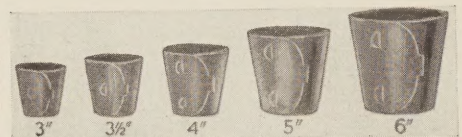
Size No. 1. Holds 12-1¼x1¼x2½ in. bands \$44.70
Size No. 2. Holds 12-2-in. bands 49.60

Tom Thumb Flat and Plant Band Combinations

1000 Sets

Size No. 1. With Vita Band D. \$88.50
Size No. 2. With Vita Band D. 98.20
Size No. 1. With Vita Band 10 86.45
Size No. 2. With Vita Band 10. 95.65

PAPER POTS



Neponset Vita Paper Pots

Replacing Green

The newest development in Bird Horticultural Products—Vita Pots—light in weight nutrient-treated pot, that is tough enough to be used to grow and ship potted plants in the same pot. Growing results in field tests over several years show superior results.

Size	500	1000
2 in.		\$14.60
2¼ in.		14.95
2½ in.		15.50
3 in.		17.40
3½ in.		22.70
4 in.	15.40	25.70
5 in.	20.00	33.40
6 in.	26.50	44.10

Sizes marked * are packed 500 to a crate, other sizes, 1000.

Special prices will be quoted f.o.b. factory.

Red Paper Pots

Neponset Red Pots protect against root ball breakage, prevent drying out in transit, provide quicker resumption of growth, allow growers to re-establish plants with less care and attention, help toward earlier maturity and harvest.

Diam.	500	1000
2 in.		\$ 8.60
2¼ in.		8.60
2½ in.		8.70
3 in.		9.15
3½ in.		12.20
4 in.	8.75	14.70
5 in.	10.50	18.15
6 in.	12.50	22.25

Sizes marked * are packed 500 to a crate, other sizes, 1000.

Special prices will be quoted f.o.b. factory.



ZINNIA *Blaze*

All-America Bronze Medal Winner 1954

Newest, most vivid of the Giant Hybrid Zinnias. Outstanding for the uniform doubleness of its fluffy gracefully quilled petals which reach 5 1/4 inches across.

BLAZE bursts into bloom with a profusion of brilliant mandarin-red flowers which soften to scarlet-orange as the flowers attain size. This fiery beauty is borne on free blooming, uniform plants 28 to 32 in. tall. Blaze will delight your customers as a cut flower as well as for sensational mass displays.

Tr. pkt. 50c;

1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$6.50



CELOSIA (Cockscomb)

This new type of Plume Cockscomb has big fleecy, feathery flowers in all the brilliant colors of autumn leaves: gold, copper, deep red, scarlet, henna and carmine. Grows 30 in. high, blooms in approximately 75 days from seed, heat loving and pest free. Wonderful cut flower.

Tr. pkt. 40c; 1/4 oz. 75c;
oz. \$2.50; 1/4 lb. \$8.50.



HENRY F. MICHELL CO.

3rd and Spruce Streets

Philadelphia 5, Pa.